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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
NEWS 3 NOV 26 MARPAT enhanced with FSORT command
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Classification Data
NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced
NEWS 16 FEB 19 New patent-examiner citations in 300,000 CA/CAplus
patent records provide insights into related prior
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NEWS 17 FEB 19 Increase the precision of your patent queries -- use
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NEWS 18 FEB 23 Several formats for image display and print options
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NEWS 20 FEB 23 TOXCENTER updates mirror those of MEDLINE - more
precise author group fields and 2009 MeSH terms
NEWS 21 FEB 23 Three million new patent records blast AEROSPACE into
STN patent clusters

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 07:54:18 ON 24 FEB 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 07:54:34 ON 24 FEB 2009

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STRUCTURE FILE UPDATES: 22 FEB 2009 HIGHEST RN 1110296-20-2

DICTIONARY FILE UPDATES: 22 FEB 2009 HIGHEST RN 1110296-20-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

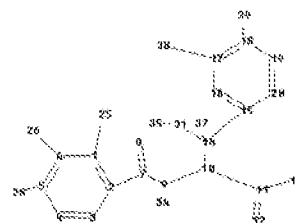
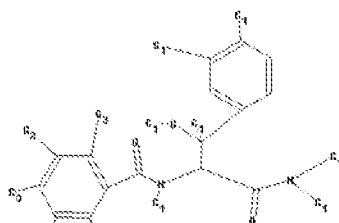
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10581444 elected.str



```

chain nodes :
7  8  9  10  11  12  13  14  25  26  28  29  30  31  32  33  34  35  37  38  39

ring nodes :
1  2  3  4  5  6  15  16  17  18  19  20
chain bonds :
1-25  2-7  3-30  4-29  5-28  6-26  7-8  7-9  9-10  9-34  10-11  10-14  11-12  11-13
13-32  13-33  14-15  14-31  14-37  17-38  18-39  31-35
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  15-16  15-20  16-17  17-18  18-19  19-20
exact/norm bonds :
1-25  3-30  4-29  5-28  6-26  7-8  7-9  9-10  9-34  11-12  11-13  13-32  13-33  14-
31
14-37  17-38  18-39  31-35
exact bonds :
2-7  10-11  10-14  14-15
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  15-16  15-20  16-17  17-18  18-19  19-20
isolated ring systems :
containing 1 : 15 :

```

G1: Ak, H

G2: O, S, N

G3: H, X, Ak, CF3

```

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 25:CLASS
26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS
35:CLASS
37:CLASS 38:CLASS 39:CLASS

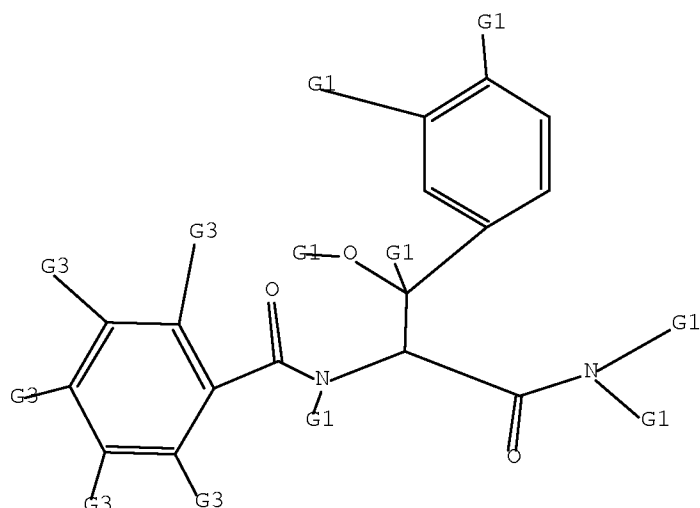
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L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



G1 Ak,H
 G2 O, S, N
 G3 H, X, Ak, CF3

Structure attributes must be viewed using STN Express query preparation.

=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.48	0.70

FILE 'CAPLUS' ENTERED AT 07:54:57 ON 24 FEB 2009
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FILE COVERS 1907 - 24 Feb 2009 VOL 150 ISS 9
 FILE LAST UPDATED: 23 Feb 2009 (20090223/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate

substance identification.

=> s l1 SSS full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 07:55:00 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 257325 TO ITERATE

100.0% PROCESSED 257325 ITERATIONS

180 ANSWERS

SEARCH TIME: 00.00.16

L2 180 SEA SSS FUL L1

L3 10 L2

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1383604 CAPLUS Full-text

DOCUMENT NUMBER: 149:555108

TITLE: Catalytic enantioselective aldol addition reactions

AUTHOR(S): Carreira, Erick M.; Fettes, Alec; Marti, Christiane

CORPORATE SOURCE: Swiss Federal Institute of Technology (ETH-Z), Zurich, Switz.

SOURCE: Organic Reactions (Hoboken, NJ, United States) (2006), 67, No pp. given

CODEN: ORHNBA

URL: <http://www3.interscience.wiley.com/cgi-bin/mrwhome/107610747/HOME>

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal; General Review; (online computer file)

LANGUAGE: English

OTHER SOURCE(S): CASREACT 149:555108

AB A review of the article Catalytic enantioselective aldol addition reactions.

IT 126106-23-8P 126106-24-9P

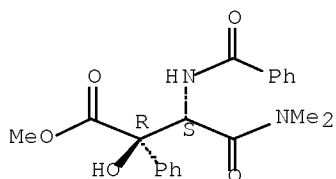
RL: SPN (Synthetic preparation); PREP (Preparation)

(Catalytic Enantioselective Aldol Addition Reactions)

RN 126106-23-8 CAPLUS

CN Benzeneacetic acid, α -[1-(benzoylamino)-2-(dimethylamino)-2-oxoethyl]- α -hydroxy-, methyl ester, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

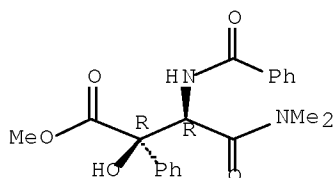
Absolute stereochemistry.



RN 126106-24-9 CAPLUS

CN Benzeneacetic acid, α -[1-(benzoylamino)-2-(dimethylamino)-2-oxoethyl]- α -hydroxy-, methyl ester, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:588878 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 143:115791

TITLE: Preparation of substituted N-benzoylphenylalaninamides as herbicides

INVENTOR(S): Witschel, Matthias; Puhl, Michael; Hamprecht, Gerhard; Parra Rapado, Liliana; Misslitz, Ulf; Zagar, Cyrill; Plath, Peter; Reinhard, Robert; Sievernich, Bernd; Liebl, Rex

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 117 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005061443	A2	20050707	WO 2004-EP14392	20041217
WO 2005061443	A3	20051222		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SM				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,				

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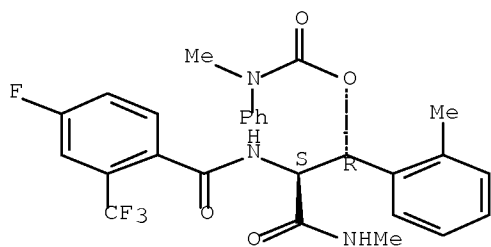
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of substituted N-benzoylphenylalaninamides as herbicides)

RN 857058-66-3 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-
 N,2-dimethyl- β -[[(methylphenylamino)carbonyl]oxy]-,
 (α S, β R)- (9CI) (CA INDEX NAME)

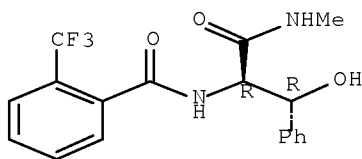
Absolute stereochemistry.



RN 857058-68-5 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[[2-(trifluoromethyl)benzoyl]amino]-, (α R, β R)-rel- (CA INDEX NAME)

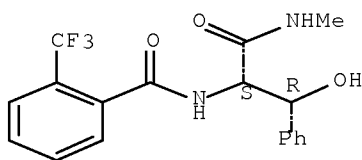
Relative stereochemistry.



RN 857058-69-6 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[[2-(trifluoromethyl)benzoyl]amino]-, (α R, β S)-rel- (CA INDEX NAME)

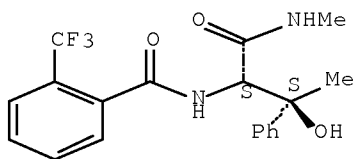
Relative stereochemistry.



RN 857058-70-9 CAPLUS

CN Benzenepropanamide, β -hydroxy-N, β -dimethyl- α -[[2-(trifluoromethyl)benzoyl]amino]-, (α R, β R)-rel- (CA INDEX NAME)

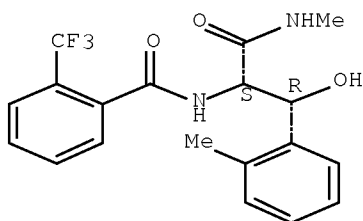
Relative stereochemistry.



RN 857058-71-0 CAPLUS

CN Benzenepropanamide, β -hydroxy-N,2-dimethyl- α -[[2-(trifluoromethyl)benzoyl]amino]-, (α R, β S)-rel- (CA INDEX NAME)

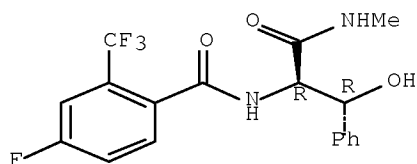
Relative stereochemistry.



RN 857058-72-1 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β R)-rel- (CA INDEX NAME)

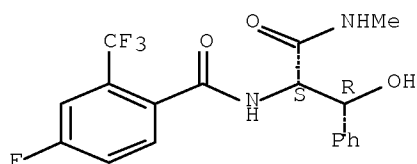
Relative stereochemistry.



RN 857058-73-2 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

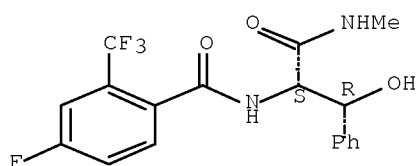
Relative stereochemistry.



RN 857058-73-2 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

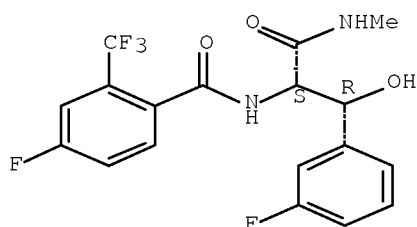
Relative stereochemistry.



RN 857058-74-3 CAPLUS

CN Benzenepropanamide, 3-fluoro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α S, β R)- (CA INDEX NAME)

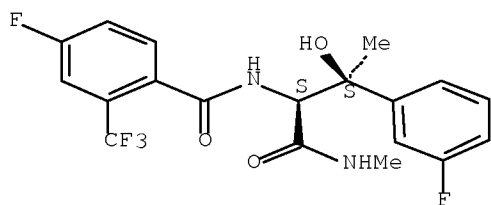
Absolute stereochemistry.



RN 857058-75-4 CAPLUS

CN Benzenepropanamide, 3-fluoro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N, β -dimethyl-, (α R, β R)-rel- (CA INDEX NAME)

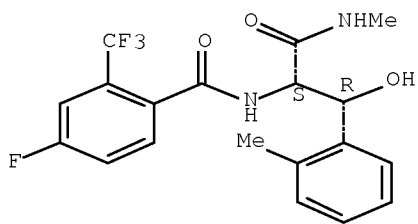
Relative stereochemistry.



RN 857058-76-5 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N,2-dimethyl-, (α S, β R)- (CA INDEX NAME)

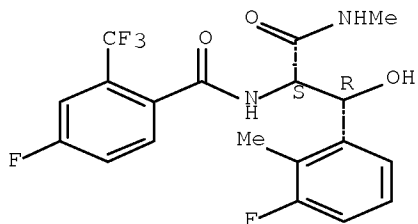
Absolute stereochemistry.



RN 857058-77-6 CAPLUS

CN Benzenepropanamide, 3-fluoro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N,2-dimethyl-, (α S, β R)- (CA INDEX NAME)

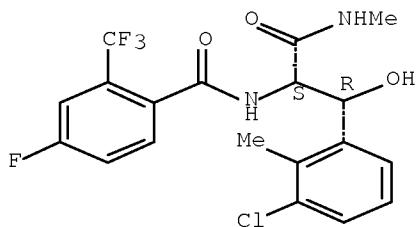
Absolute stereochemistry.



RN 857058-78-7 CAPLUS

CN Benzenepropanamide, 3-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N,2-dimethyl-, (α S, β R)- (CA INDEX NAME)

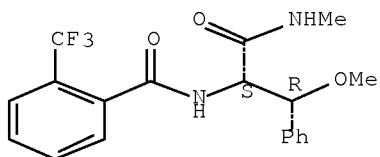
Absolute stereochemistry.



RN 857058-79-8 CAPLUS

CN Benzenepropanamide, β -methoxy-N-methyl- α -[[2-(trifluoromethyl)benzoyl]amino]-, (α R, β S)-rel- (CA INDEX NAME)

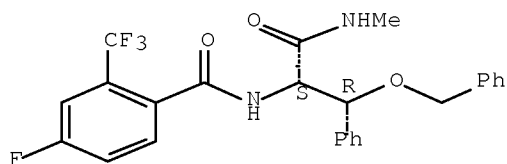
Relative stereochemistry.



RN 857058-80-1 CAPLUS

CN Benzenepropanamide, α-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-β-(phenylmethoxy)-, (αR,βS)-rel- (CA INDEX NAME)

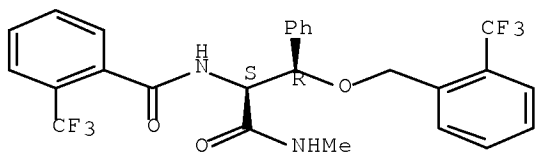
Relative stereochemistry.



RN 857058-81-2 CAPLUS

CN Benzenepropanamide, N-methyl-α-[[2-(trifluoromethyl)benzoyl]amino]-β-[[2-(trifluoromethyl)phenyl]methoxy]-, (αR,βS)-rel- (CA INDEX NAME)

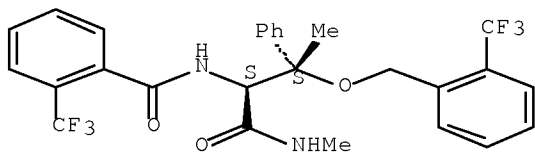
Relative stereochemistry.



RN 857058-82-3 CAPLUS

CN Benzenepropanamide, N,β-dimethyl-α-[[2-(trifluoromethyl)benzoyl]amino]-β-[[2-(trifluoromethyl)phenyl]methoxy]-, (αR,βR)-rel- (CA INDEX NAME)

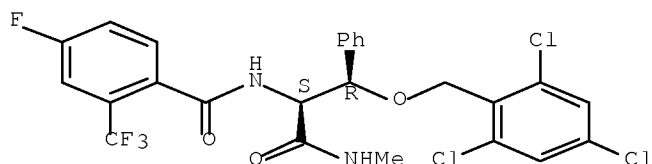
Relative stereochemistry.



RN 857058-83-4 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl- β -[(2,4,6-trichlorophenyl)methoxy]-, (α R, β S)-rel- (CA INDEX NAME)

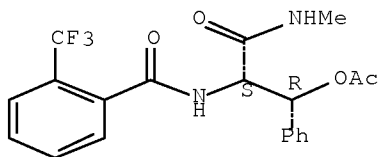
Relative stereochemistry.



RN 857058-84-5 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-N-methyl- α -[[2-(trifluoromethyl)benzoyl]amino]-, (α R, β S)-rel- (CA INDEX NAME)

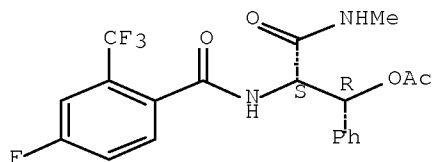
Relative stereochemistry.



RN 857058-85-6 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

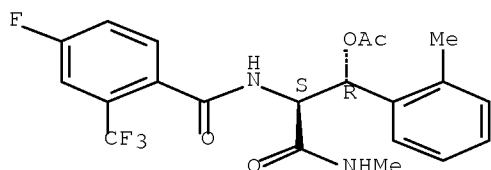
Relative stereochemistry.



RN 857058-86-7 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N,2-dimethyl-, (α S, β R)- (CA INDEX NAME)

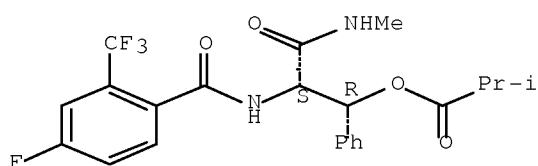
Absolute stereochemistry.



RN 857058-87-8 CAPLUS

CN Propanoic acid, 2-methyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylanino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

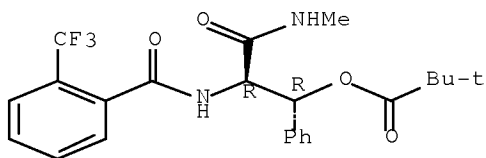
Relative stereochemistry.



RN 857058-88-9 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2R)-3-(methylanino)-3-oxo-1-phenyl-2-[[2-(trifluoromethyl)benzoyl]amino]propyl ester, rel- (CA INDEX NAME)

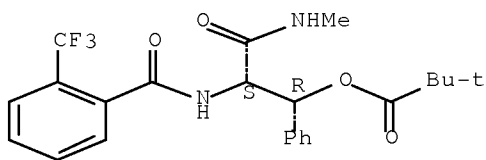
Relative stereochemistry.



RN 857058-89-0 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-3-(methylanino)-3-oxo-1-phenyl-2-[[2-(trifluoromethyl)benzoyl]amino]propyl ester, rel- (CA INDEX NAME)

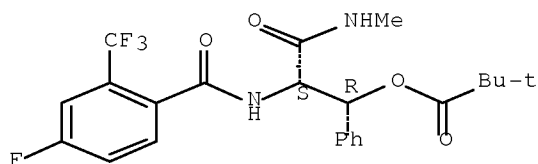
Relative stereochemistry.



RN 857058-90-3 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

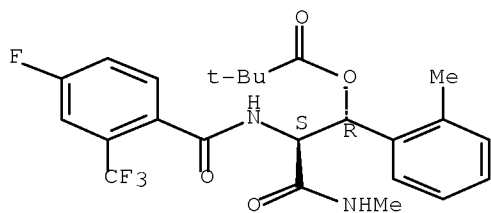
Relative stereochemistry.



RN 857058-91-4 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-(2-methylphenyl)-3-oxopropyl ester (CA INDEX NAME)

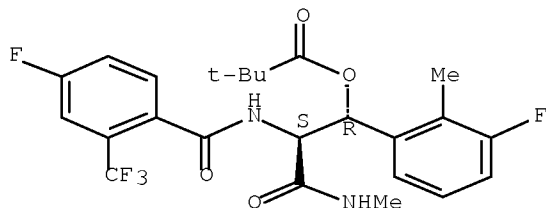
Absolute stereochemistry.



RN 857058-92-5 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (CA INDEX NAME)

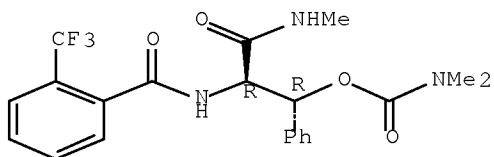
Absolute stereochemistry.



RN 857058-93-6 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-3-(methylamino)-3-oxo-1-phenyl-2-[[2-(trifluoromethyl)benzoyl]amino]propyl ester, rel- (9CI) (CA INDEX NAME)

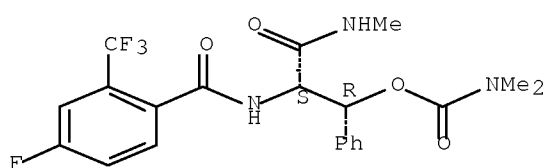
Relative stereochemistry.



RN 857058-94-7 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

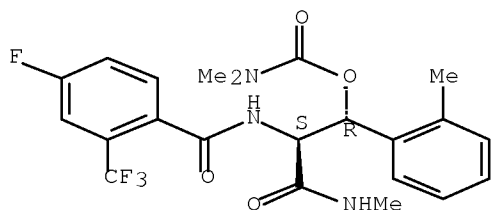
Relative stereochemistry.



RN 857058-95-8 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-(2-methylphenyl)-3-oxopropyl ester (9CI) (CA INDEX NAME)

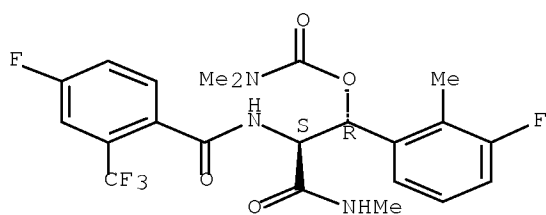
Absolute stereochemistry.



RN 857058-96-9 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (9CI) (CA INDEX NAME)

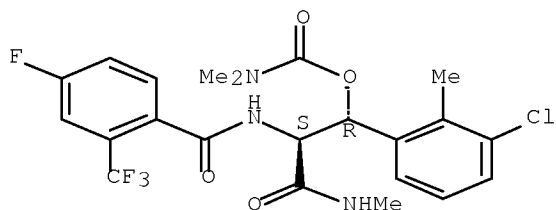
Absolute stereochemistry.



RN 857058-97-0 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(3-chloro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (9CI)
(CA INDEX NAME)

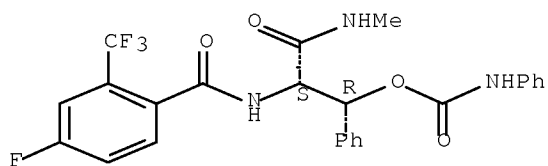
Absolute stereochemistry.



RN 857058-98-1 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl- β -[[[(phenylamino)carbonyl]oxy]-, (α R, β S)-rel- (CA INDEX NAME)

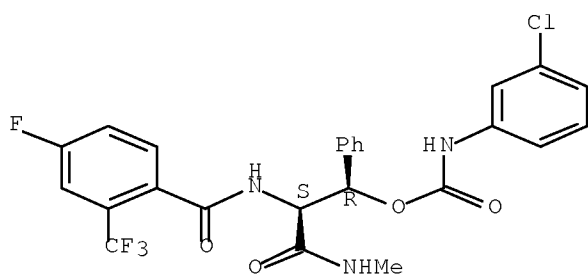
Relative stereochemistry.



RN 857058-99-2 CAPLUS

CN Carbamic acid, (3-chlorophenyl)-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

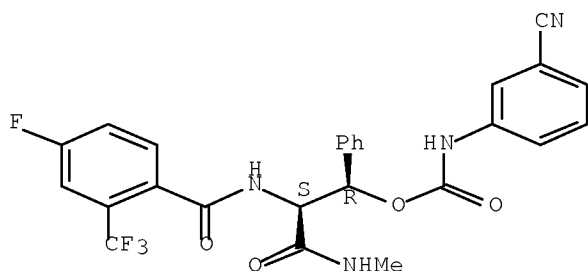
Relative stereochemistry.



RN 857059-00-8 CAPLUS

CN Carbamic acid, (3-cyanophenyl)-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

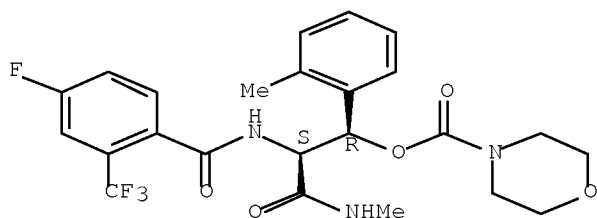
Relative stereochemistry.



RN 857059-01-9 CAPLUS

CN 4-Morpholinecarboxylic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-(2-methylphenyl)-3-oxopropyl ester (CA INDEX NAME)

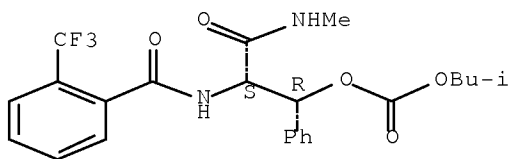
Absolute stereochemistry.



RN 857059-02-0 CAPLUS

CN Carbonic acid, (1R,2S)-3-(methylamino)-3-oxo-1-phenyl-2-[[2-(trifluoromethyl)benzoyl]amino]propyl 2-methylpropyl ester, rel- (9CI) (CA INDEX NAME)

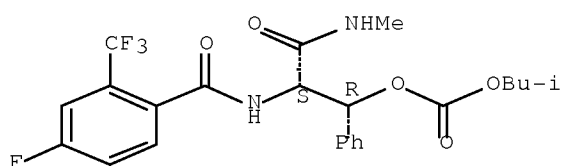
Relative stereochemistry.



RN 857059-03-1 CAPLUS

CN Carbonic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl 2-methylpropyl ester, rel- (CA INDEX NAME)

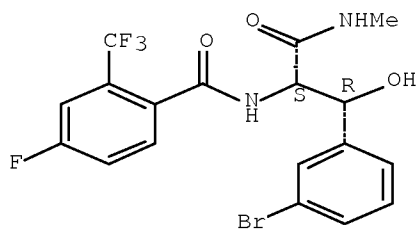
Relative stereochemistry.



RN 857059-10-0 CAPLUS

CN Benzenepropanamide, 3-bromo- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α S, β R)- (CA INDEX NAME)

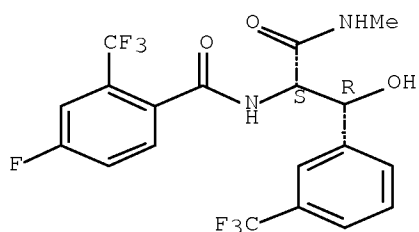
Absolute stereochemistry.



RN 857059-11-1 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-3-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

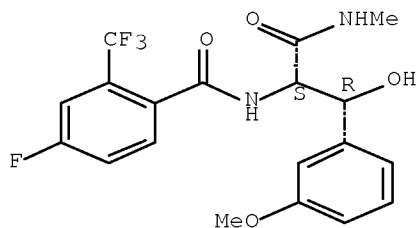
Relative stereochemistry.



RN 857059-12-2 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-
 β -hydroxy-3-methoxy-N-methyl-, (α S, β R)- (CA INDEX NAME)

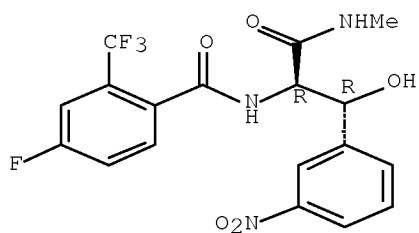
Absolute stereochemistry.



RN 857059-13-3 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-
 β -hydroxy-N-methyl-3-nitro-, (α R, β R)-rel- (CA INDEX NAME)

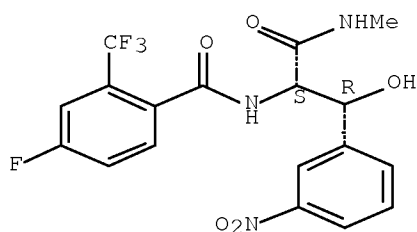
Relative stereochemistry.



RN 857059-14-4 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-
 β -hydroxy-N-methyl-3-nitro-, (α R, β S)-rel- (CA INDEX NAME)

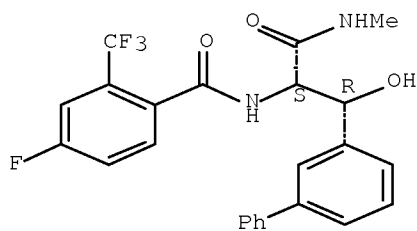
Relative stereochemistry.



RN 857059-15-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

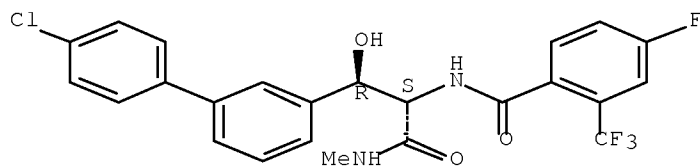
Relative stereochemistry.



RN 857059-16-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

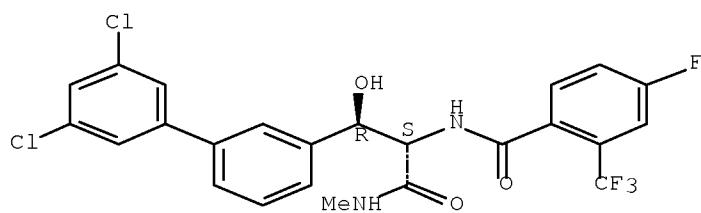
Relative stereochemistry.



RN 857059-17-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3',5'-dichloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

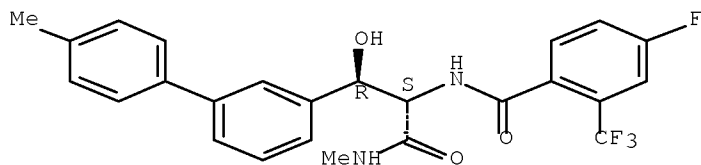
Relative stereochemistry.



RN 857059-18-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N,4'-dimethyl-, (α R, β S)-rel- (CA INDEX NAME)

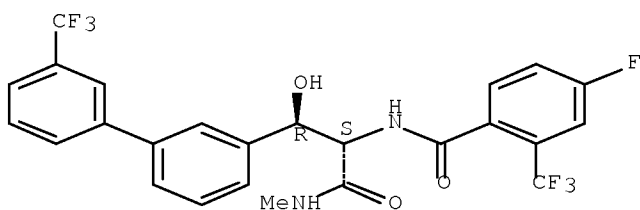
Relative stereochemistry.



RN 857059-19-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-3'-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

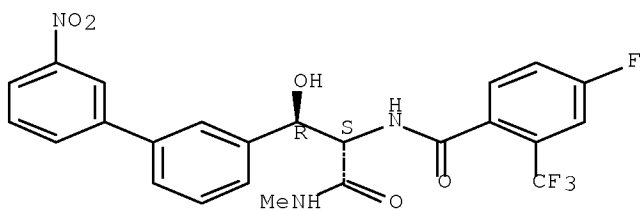
Relative stereochemistry.



RN 857059-20-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-3'-nitro-, (α R, β S)-rel- (CA INDEX NAME)

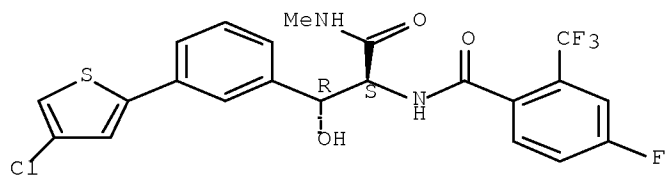
Relative stereochemistry.



RN 857059-21-3 CAPLUS

CN Benzenepropanamide, 3-(4-chloro-2-thienyl)- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

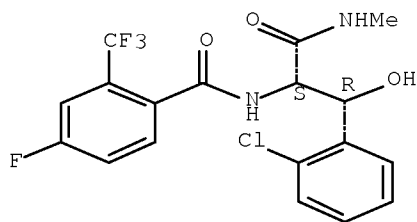
Relative stereochemistry.



RN 857059-22-4 CAPLUS

CN Benzenepropanamide, 2-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

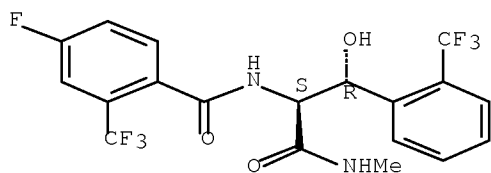
Relative stereochemistry.



RN 857059-23-5 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-2-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

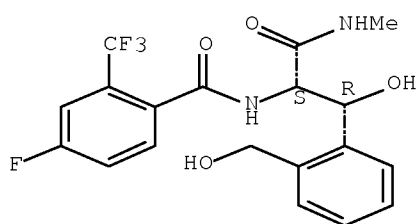
Relative stereochemistry.



RN 857059-24-6 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-2-(hydroxymethyl)-N-methyl-, (α S, β R)- (CA INDEX NAME)

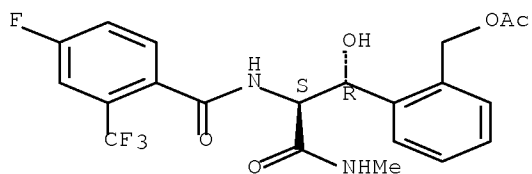
Absolute stereochemistry.



RN 857059-25-7 CAPLUS

CN Benzenepropanamide, 2-[(acetyloxy)methyl]- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α S, β R)- (CA INDEX NAME)

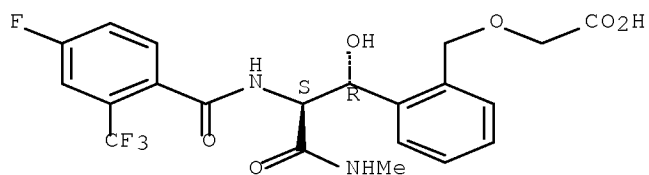
Absolute stereochemistry.



RN 857059-26-8 CAPLUS

CN Acetic acid, 2-[[2-[(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-1-hydroxy-3-(methylamino)-3-oxopropyl]phenyl]methoxy]- (CA INDEX NAME)

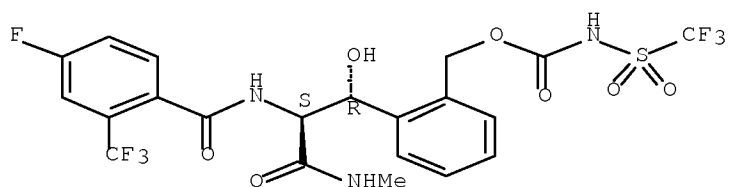
Absolute stereochemistry.



RN 857059-27-9 CAPLUS

CN Carbamic acid, [(trifluoromethyl)sulfonyl]-, [2-[(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-1-hydroxy-3-(methylamino)-3-oxopropyl]phenyl]methyl ester (9CI) (CA INDEX NAME)

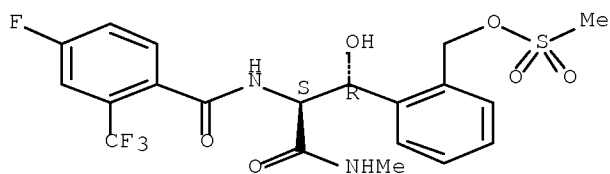
Absolute stereochemistry.



RN 857059-28-0 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-2-[[[(methylsulfonyl)oxy]methyl]-, (α S, β R)- (CA INDEX NAME)

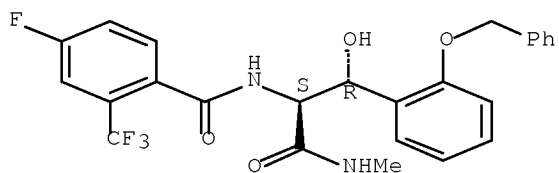
Absolute stereochemistry.



RN 857059-29-1 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-2-(phenylmethoxy)-, (α S, β R)- (CA INDEX NAME)

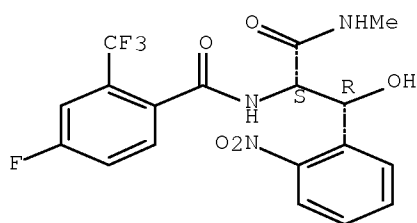
Absolute stereochemistry.



RN 857059-30-4 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-2-nitro-, (α R, β S)-rel- (CA INDEX NAME)

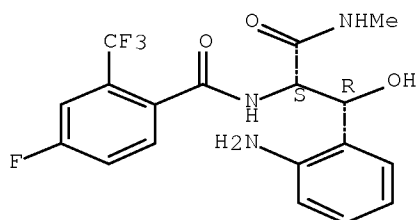
Relative stereochemistry.



RN 857059-31-5 CAPLUS

CN Benzenepropanamide, 2-amino- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α S, β R)- (CA INDEX NAME)

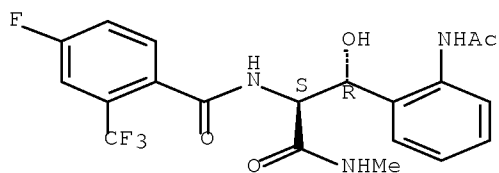
Absolute stereochemistry.



RN 857059-32-6 CAPLUS

CN Benzenepropanamide, 2-(acetylamino)- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α S, β R)- (CA INDEX NAME)

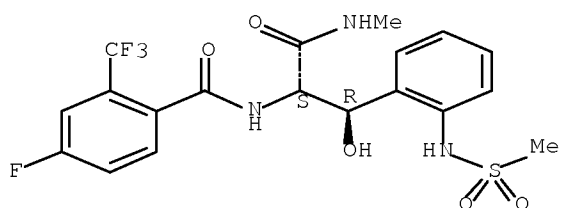
Absolute stereochemistry.



RN 857059-33-7 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-
 β -hydroxy-N-methyl-2-[(methylsulfonyl)amino]-, (α S, β R)-
 (CA INDEX NAME)

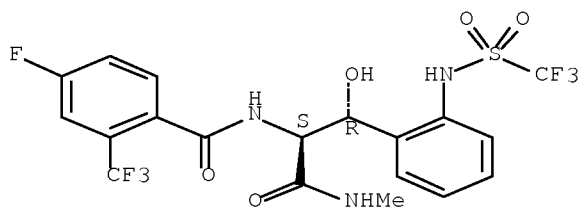
Absolute stereochemistry.



RN 857059-34-8 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-
 β -hydroxy-N-methyl-2-[[(trifluoromethyl)sulfonyl]amino]-,
 (α S, β R)- (CA INDEX NAME)

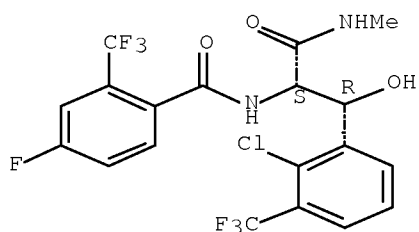
Absolute stereochemistry.



RN 857059-35-9 CAPLUS

CN Benzenepropanamide, 2-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-3-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

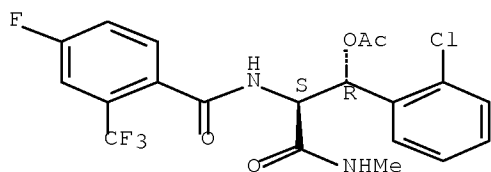
Relative stereochemistry.



RN 857059-37-1 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-2-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

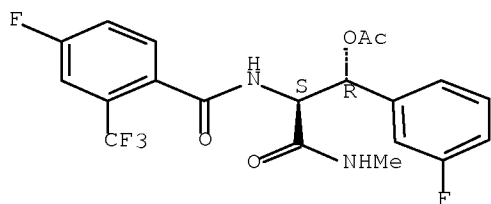
Relative stereochemistry.



RN 857059-38-2 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-3-fluoro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

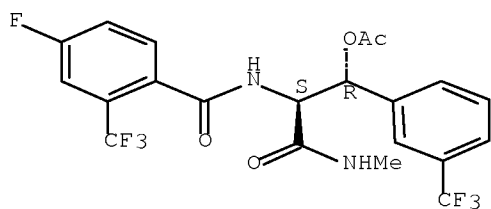
Relative stereochemistry.



RN 857059-39-3 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-3-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

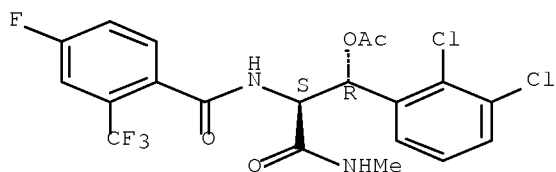
Relative stereochemistry.



RN 857059-40-6 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-2,3-dichloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

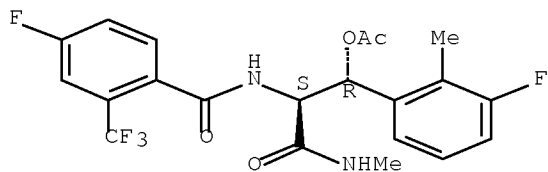
Relative stereochemistry.



RN 857059-41-7 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-3-fluoro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N,2-dimethyl-, (α S, β R)- (CA INDEX NAME)

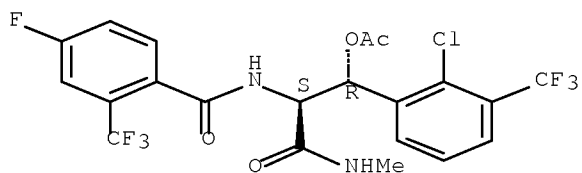
Absolute stereochemistry.



RN 857059-42-8 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-2-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-3-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

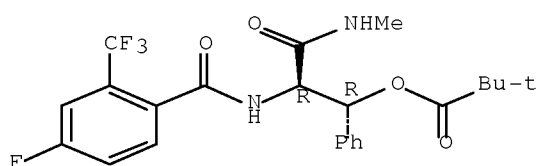
Relative stereochemistry.



RN 857059-43-9 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2R)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

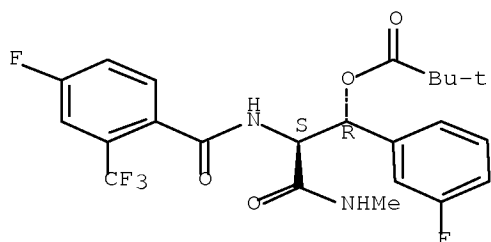
Relative stereochemistry.



RN 857059-44-0 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-1-(3-fluorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (CA INDEX NAME)

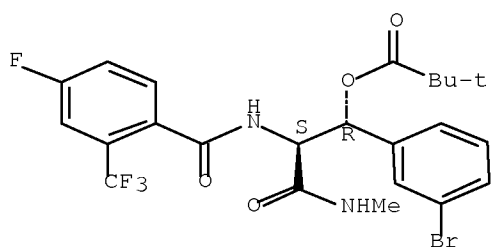
Absolute stereochemistry.



RN 857059-45-1 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-1-(3-bromophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (CA INDEX NAME)

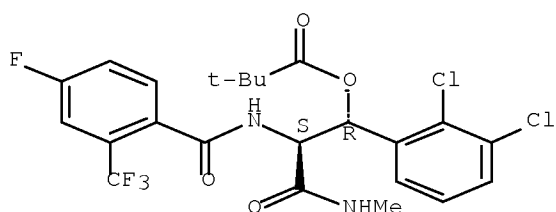
Absolute stereochemistry.



RN 857059-46-2 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, (1R,2S)-1-(2,3-dichlorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (CA INDEX NAME)

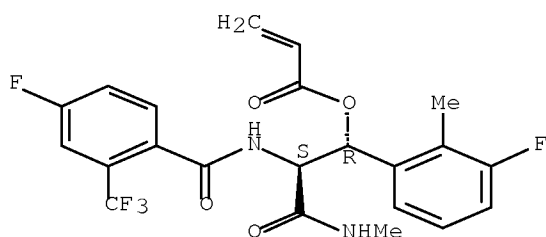
Relative stereochemistry.



RN 857059-47-3 CAPLUS

CN 2-Propenoic acid, (1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (CA INDEX NAME)

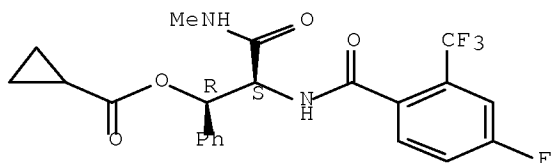
Absolute stereochemistry.



RN 857059-48-4 CAPLUS

CN Cyclopropanecarboxylic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

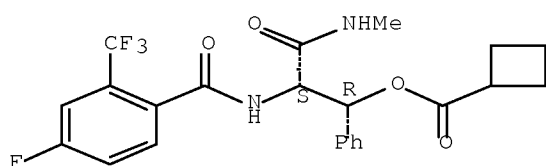
Relative stereochemistry.



RN 857059-49-5 CAPLUS

CN Cyclobutanecarboxylic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylanino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

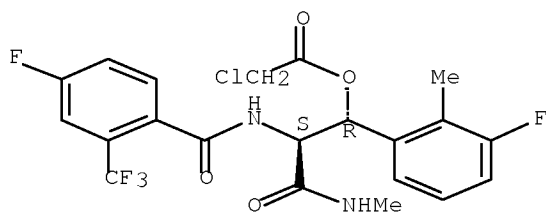
Relative stereochemistry.



RN 857059-50-8 CAPLUS

CN Acetic acid, 2-chloro-, (1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylanino)-3-oxopropyl ester (CA INDEX NAME)

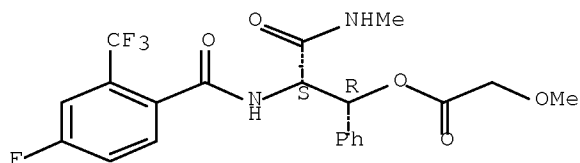
Absolute stereochemistry.



RN 857059-51-9 CAPLUS

CN Acetic acid, 2-methoxy-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylanino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

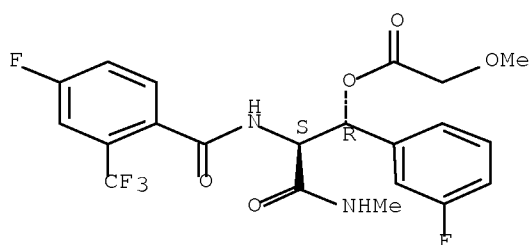
Relative stereochemistry.



RN 857059-52-0 CAPLUS

CN Acetic acid, 2-methoxy-, (1R,2S)-1-(3-fluorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (CA INDEX NAME)

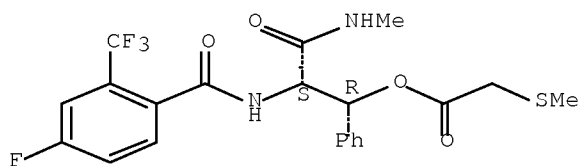
Absolute stereochemistry.



RN 857059-53-1 CAPLUS

CN Acetic acid, 2-(methylthio)-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

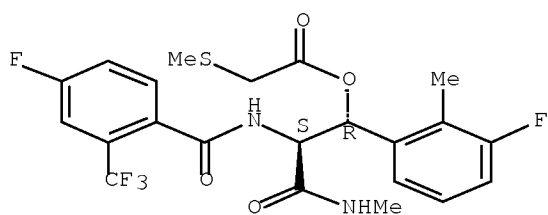
Relative stereochemistry.



RN 857059-54-2 CAPLUS

CN Acetic acid, 2-(methylthio)-, (1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (CA INDEX NAME)

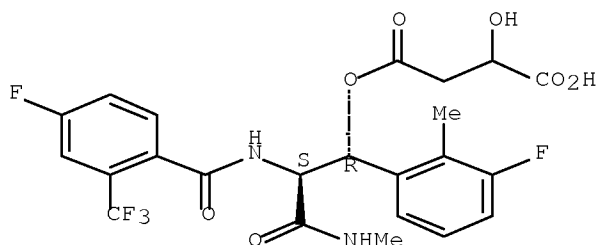
Absolute stereochemistry.



RN 857059-55-3 CAPLUS

CN Butanedioic acid, 2-hydroxy-, 4-[(1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl] ester (CA INDEX NAME)

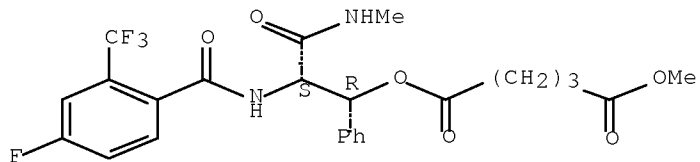
Absolute stereochemistry.



RN 857059-56-4 CAPLUS

CN Pentanedioic acid, 1-[(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl] 5-methyl ester, rel- (CA INDEX NAME)

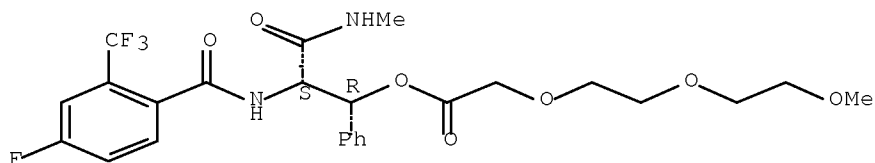
Relative stereochemistry.



RN 857059-57-5 CAPLUS

CN Acetic acid, 2-[2-(2-methoxyethoxy)ethoxy]-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

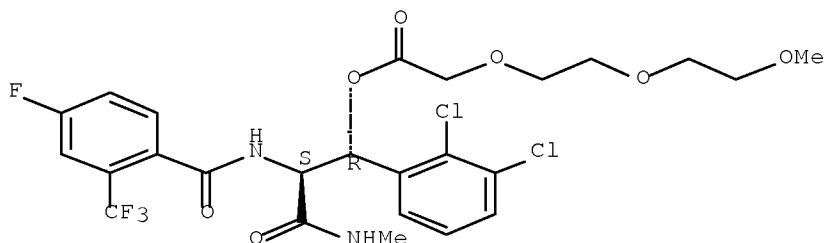
Relative stereochemistry.



RN 857059-58-6 CAPLUS

CN Acetic acid, 2-[2-(2-methoxyethoxy)ethoxy]-, (1R,2S)-1-(2,3-dichlorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (CA INDEX NAME)

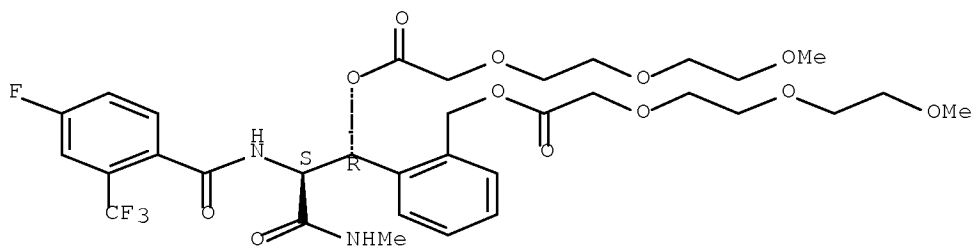
Relative stereochemistry.



RN 857059-59-7 CAPLUS

CN Acetic acid, [2-(2-methoxyethoxy)ethoxy]-, [2-[(1R)-1-[(1S)-1-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-2-(methylamino)-2-oxoethyl]-3-oxo-2,5,8,11-tetraoxadodec-1-yl]phenyl]methyl ester (9CI) (CA INDEX NAME)

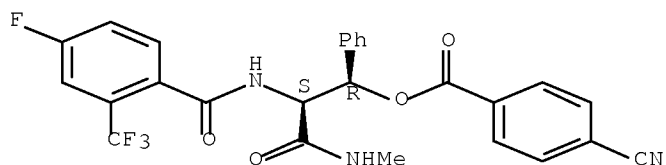
Absolute stereochemistry.



RN 857059-60-0 CAPLUS

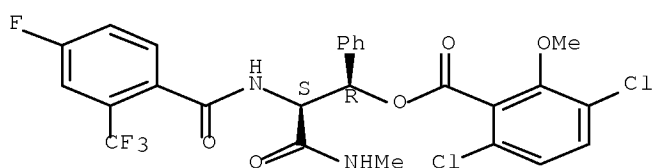
CN Benzoic acid, 4-cyano-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



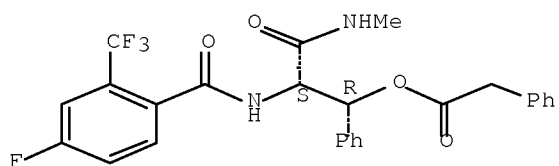
RN 857059-61-1 CAPLUS
 CN Benzoic acid, 3,6-dichloro-2-methoxy-,
 (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



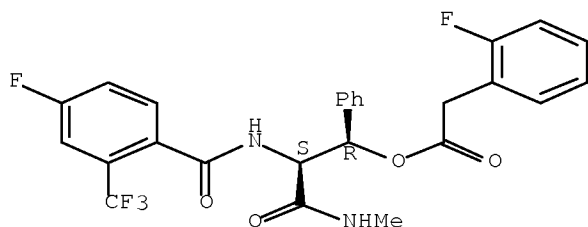
RN 857059-62-2 CAPLUS
 CN Benzeneacetic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 857059-63-3 CAPLUS
 CN Benzeneacetic acid, 2-fluoro-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

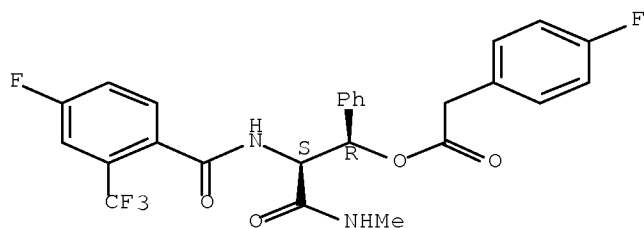
Relative stereochemistry.



RN 857059-64-4 CAPLUS

CN Benzeneacetic acid, 4-fluoro-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

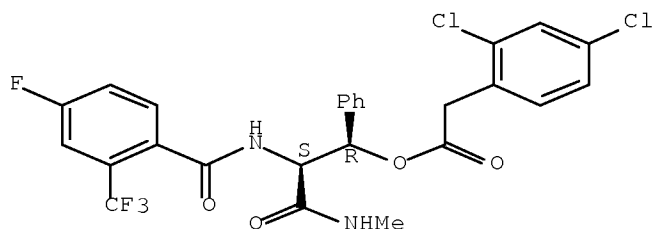
Relative stereochemistry.



RN 857059-65-5 CAPLUS

CN Benzeneacetic acid, 2,4-dichloro-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

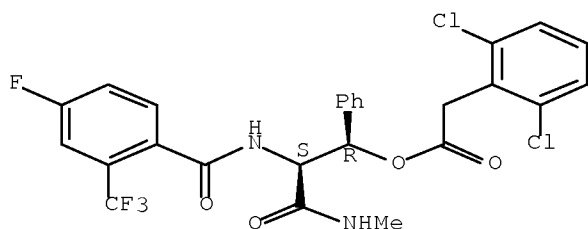
Relative stereochemistry.



RN 857059-66-6 CAPLUS

CN Benzeneacetic acid, 2,6-dichloro-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

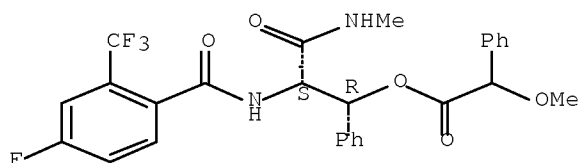
Relative stereochemistry.



RN 857059-67-7 CAPLUS

CN Benzeneacetic acid, α -methoxy-,
(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

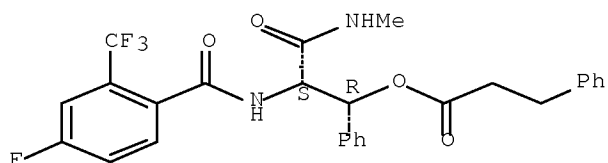
Relative stereochemistry.



RN 857059-68-8 CAPLUS

CN Benzenepropanoic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

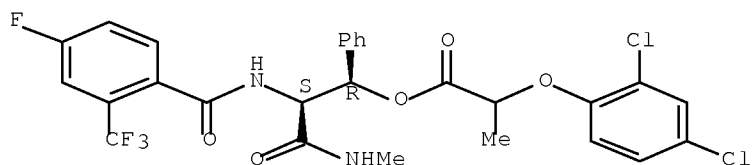
Relative stereochemistry.



RN 857059-69-9 CAPLUS

CN Propanoic acid, 2-(2,4-dichlorophenoxy)-,
(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

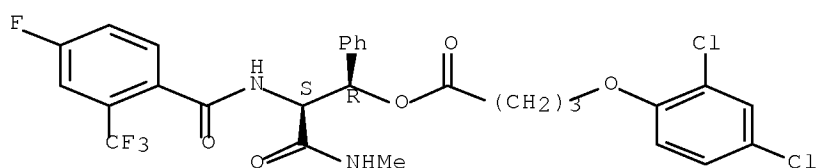
Relative stereochemistry.



RN 857059-70-2 CAPLUS

CN Butanoic acid, 4-(2,4-dichlorophenoxy)-,
(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

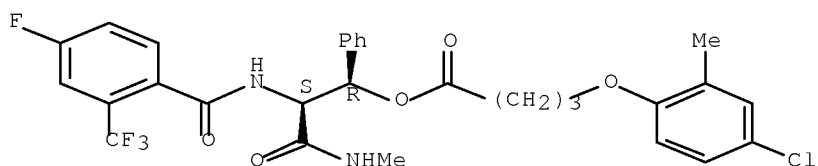
Relative stereochemistry.



RN 857059-71-3 CAPLUS

CN Butanoic acid, 4-(4-chloro-2-methylphenoxy)-,
(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

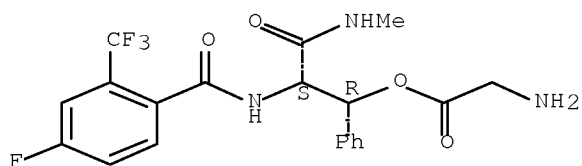
Relative stereochemistry.



RN 857059-72-4 CAPLUS

CN Glycine, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, monohydrochloride, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

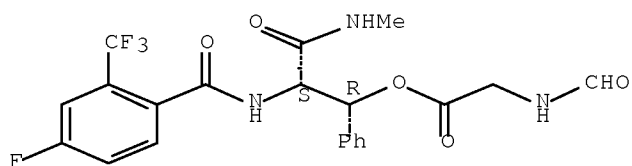


● HCl

RN 857059-73-5 CAPLUS

CN Glycine, N-formyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

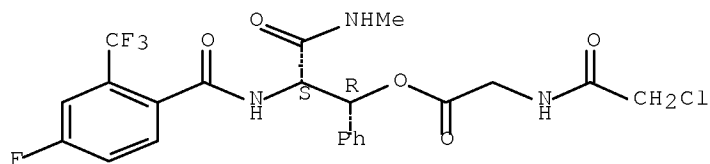
Relative stereochemistry.



RN 857059-74-6 CAPLUS

CN Glycine, N-(chloroacetyl)-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

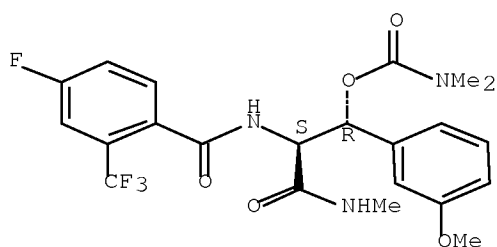
Relative stereochemistry.



RN 857059-75-7 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-1-(3-methoxyphenyl)-3-(methylamino)-3-oxopropyl ester (9CI) (CA INDEX NAME)

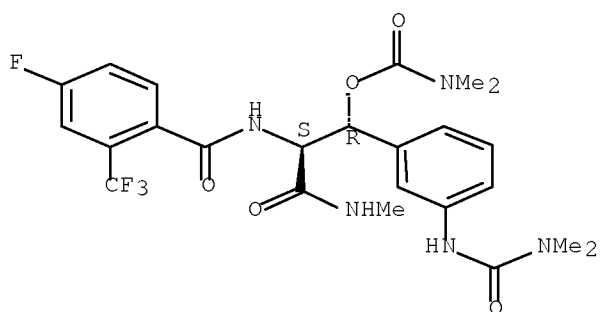
Absolute stereochemistry.



RN 857059-76-8 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-[3-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

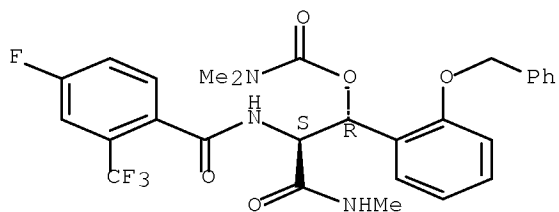
Relative stereochemistry.



RN 857059-77-9 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-[2-(phenylmethoxy)phenyl]propyl ester (9CI) (CA INDEX NAME)

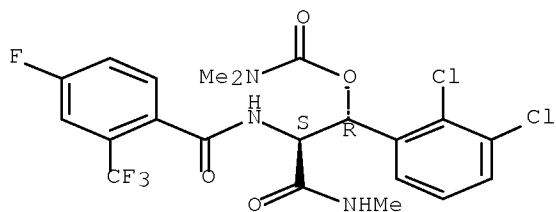
Absolute stereochemistry.



RN 857059-78-0 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(2,3-dichlorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

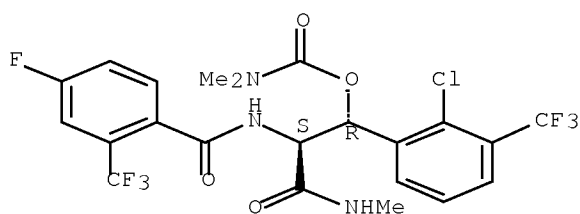
Relative stereochemistry.



RN 857059-79-1 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-[2-chloro-3-(trifluoromethyl)phenyl]-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

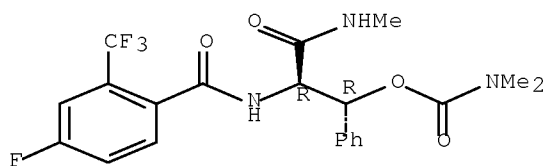
Relative stereochemistry.



RN 857059-80-4 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

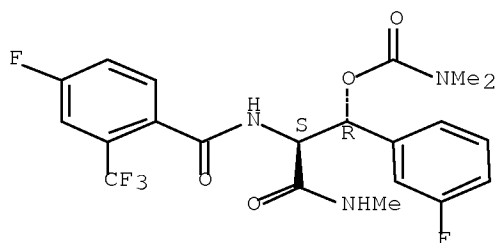
Relative stereochemistry.



RN 857059-81-5 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(3-fluorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (9CI) (CA INDEX NAME)

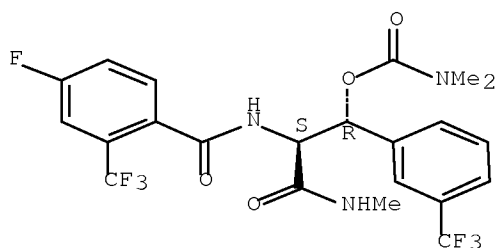
Absolute stereochemistry.



RN 857059-82-6 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-[3-(trifluoromethyl)phenyl]propyl ester, rel- (9CI) (CA INDEX NAME)

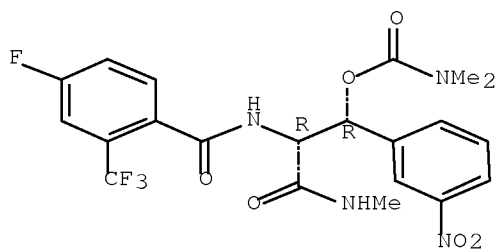
Relative stereochemistry.



RN 857059-83-7 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-(3-nitrophenyl)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

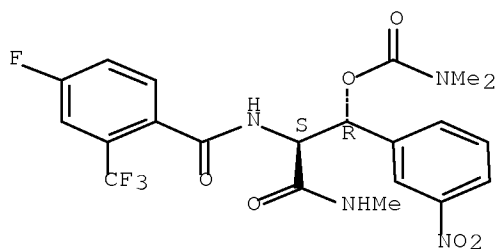
Relative stereochemistry.



RN 857059-84-8 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-(3-nitrophenyl)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

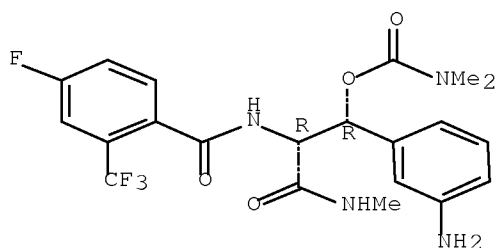
Relative stereochemistry.



RN 857059-85-9 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-1-(3-aminophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

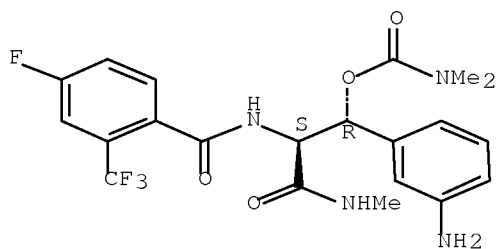
Relative stereochemistry.



RN 857059-86-0 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(3-aminophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

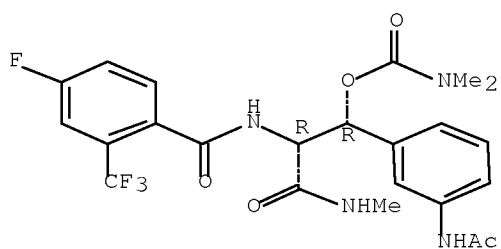
Relative stereochemistry.



RN 857059-87-1 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-1-[3-(acetylamino)phenyl]-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

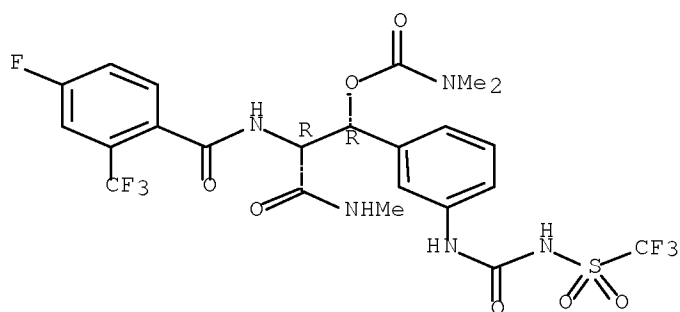
Relative stereochemistry.



RN 857059-88-2 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-[3-[[[(trifluoromethyl)sulfonyl]amino]carbonyl]amino]phenyl]propyl ester, rel- (9CI) (CA INDEX NAME)

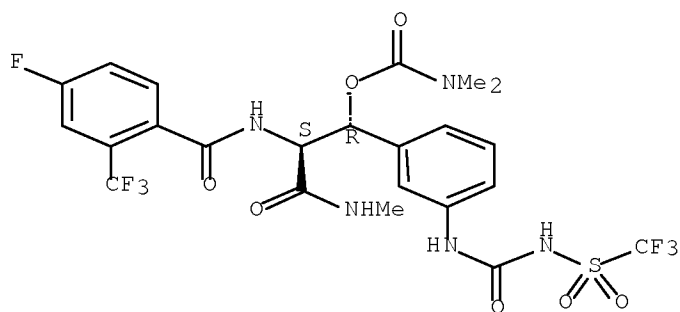
Relative stereochemistry.



RN 857059-89-3 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-[3-[[[(trifluoromethyl)sulfonyl]amino]carbonyl]amino]phenyl]propyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

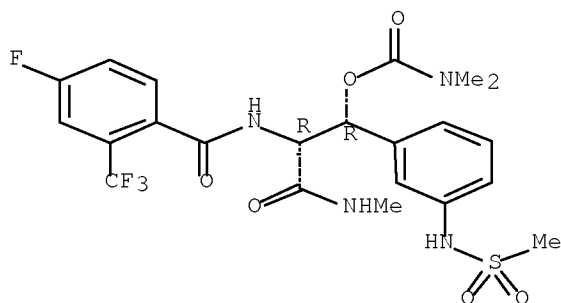


RN 857059-90-6 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2R)-2-[[4-fluoro-2-

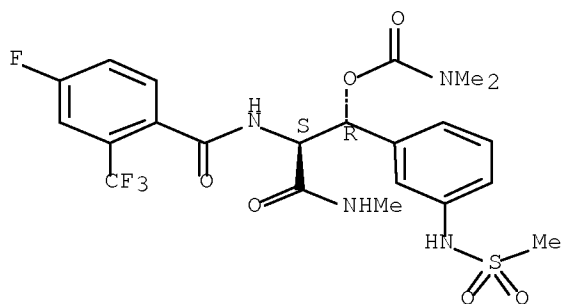
(trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-[3-
 [(methylsulfonyl)amino]phenyl]-3-oxopropyl ester, rel- (9CI) (CA INDEX
 NAME)

Relative stereochemistry.



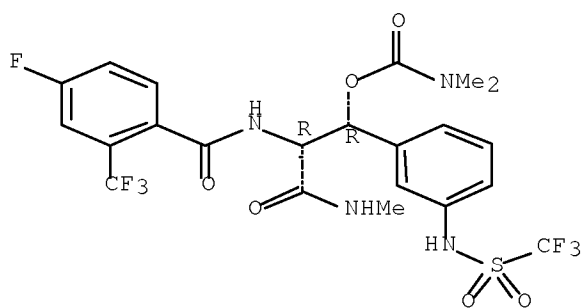
RN 857059-91-7 CAPLUS
 CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-
 (trifluoromethyl)benzoyl]amino]-3-(methylamino)-1-[3-
 [(methylsulfonyl)amino]phenyl]-3-oxopropyl ester, rel- (9CI) (CA INDEX
 NAME)

Relative stereochemistry.



RN 857059-92-8 CAPLUS
 CN Carbamic acid, dimethyl-, (1R,2R)-2-[[4-fluoro-2-
 (trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-[3-
 [(trifluoromethyl)sulfonyl]amino]phenyl]propyl ester, rel- (9CI) (CA
 INDEX NAME)

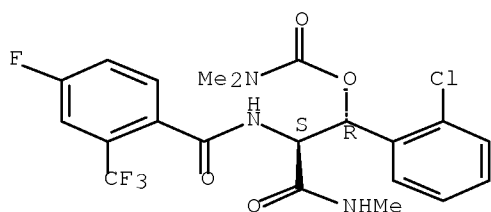
Relative stereochemistry.



RN 857059-93-9 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(2-chlorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

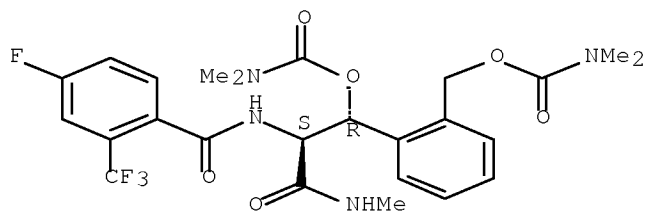
Relative stereochemistry.



RN 857059-94-0 CAPLUS

CN Carbamic acid, dimethyl-, [2-[(1R,2S)-1-[[dimethylamino]carbonyl]oxy]-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl]phenyl]methyl ester (9CI) (CA INDEX NAME)

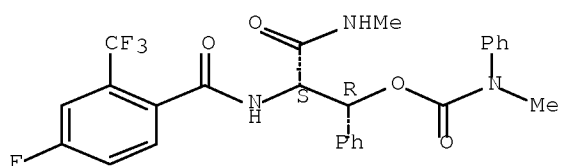
Absolute stereochemistry.



RN 857059-95-1 CAPLUS

CN Carbamic acid, methylphenyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester (9CI) (CA INDEX NAME)

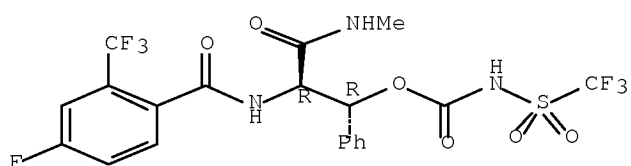
Relative stereochemistry.



RN 857059-96-2 CAPLUS

CN Carbamic acid, [(trifluoromethyl)sulfonyl]-,
(1R,2R)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

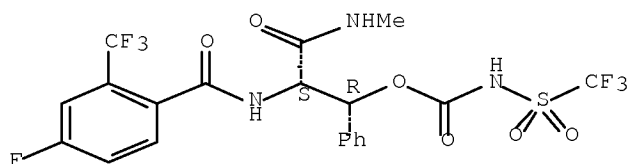
Relative stereochemistry.



RN 857059-97-3 CAPLUS

CN Carbamic acid, [(trifluoromethyl)sulfonyl]-,
(1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

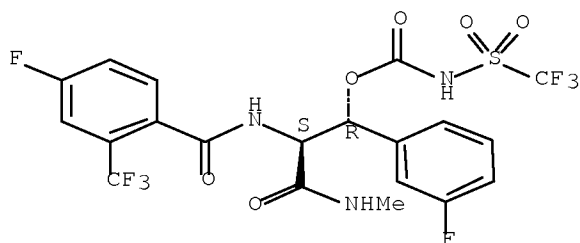
Relative stereochemistry.



RN 857059-99-5 CAPLUS

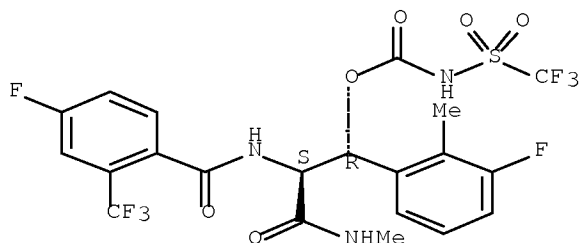
CN Carbamic acid, [(trifluoromethyl)sulfonyl]-,
(1R,2S)-1-(3-fluorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



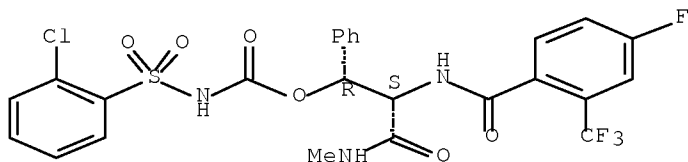
RN 857060-00-5 CAPLUS
 CN Carbamic acid, [(trifluoromethyl)sulfonyl]-,
 (1R,2S)-1-(3-fluoro-2-methylphenyl)-2-[[4-fluoro-2-
 (trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



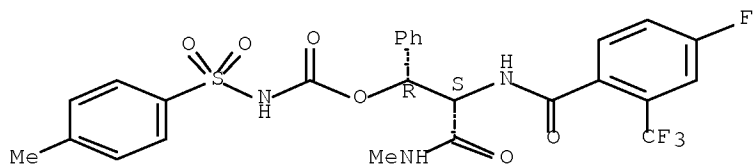
RN 857060-01-6 CAPLUS
 CN Carbamic acid, [(2-chlorophenyl)sulfonyl]-,
 (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-
 oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 857060-02-7 CAPLUS
 CN Carbamic acid, [(4-methylphenyl)sulfonyl]-,
 (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-
 oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

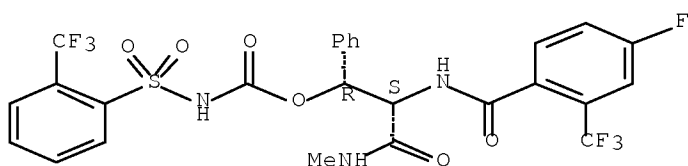
Relative stereochemistry.



RN 857060-03-8 CAPLUS

CN Carbamic acid, [[2-(trifluoromethyl)phenyl]sulfonyl]-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (9CI) (CA INDEX NAME)

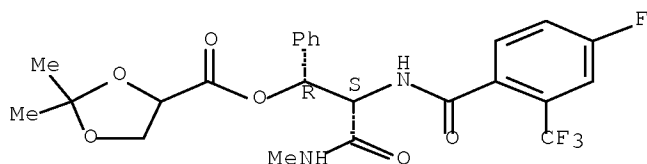
Relative stereochemistry.



RN 857060-05-0 CAPLUS

CN 1,3-Dioxolane-4-carboxylic acid, 2,2-dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

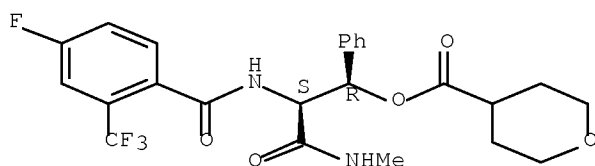
Relative stereochemistry.



RN 857060-06-1 CAPLUS

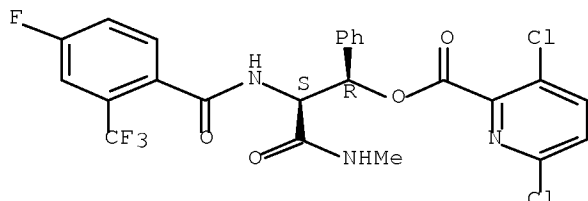
CN 2H-Pyran-4-carboxylic acid, tetrahydro-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



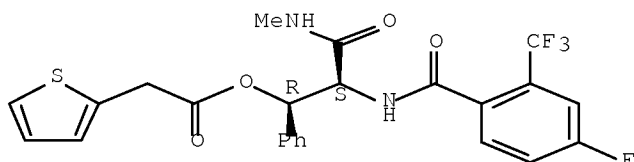
RN 857060-07-2 CAPLUS
 CN 2-Pyridinecarboxylic acid, 3,6-dichloro-,
 (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



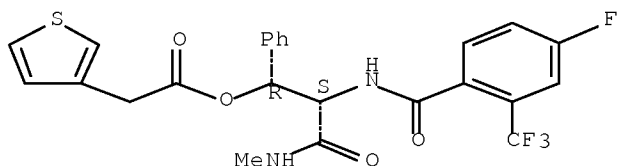
RN 857060-08-3 CAPLUS
 CN 2-Thiopheneacetic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



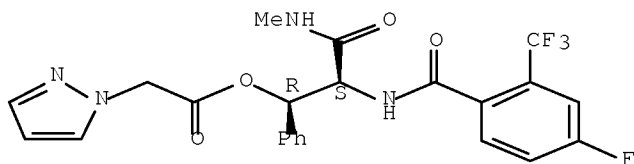
RN 857060-09-4 CAPLUS
 CN 3-Thiopheneacetic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 857060-10-7 CAPLUS
 CN 1H-Pyrazole-1-acetic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

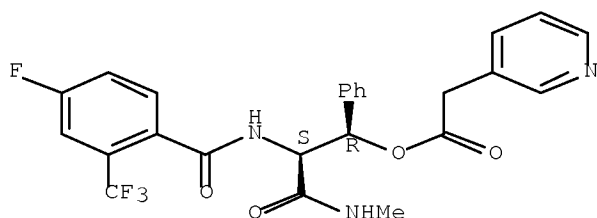
Relative stereochemistry.



RN 857060-11-8 CAPLUS

CN 3-Pyridineacetic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methyldimethylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

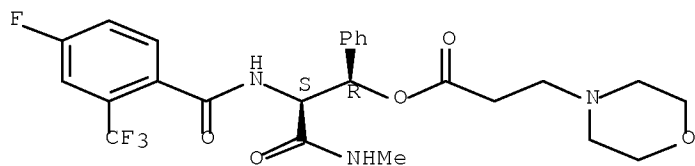
Relative stereochemistry.



RN 857060-12-9 CAPLUS

CN 4-Morpholinepropanoic acid, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methyldimethylamino)-3-oxo-1-phenylpropyl ester, rel- (CA INDEX NAME)

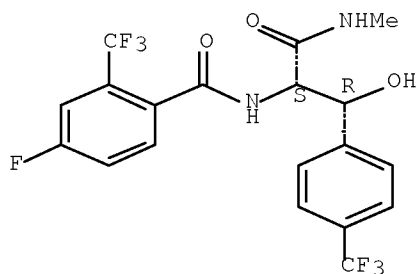
Relative stereochemistry.



RN 857060-29-8 CAPLUS

CN Benzenepropanamide, α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-4-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

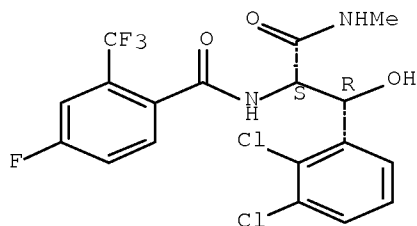
Relative stereochemistry.



RN 857060-36-7 CAPLUS

CN Benzenepropanamide, 2,3-dichloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

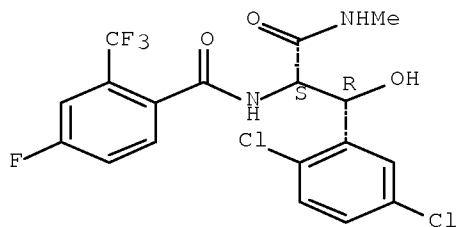
Relative stereochemistry.



RN 857060-40-3 CAPLUS

CN Benzenepropanamide, 2,5-dichloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

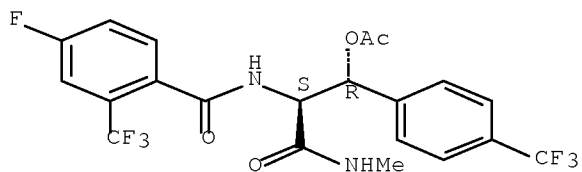
Relative stereochemistry.



RN 857060-44-7 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-4-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

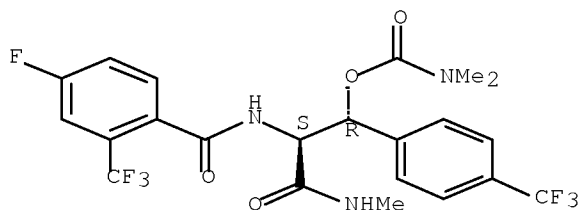
Relative stereochemistry.



RN 857060-53-8 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxo-1-[4-(trifluoromethyl)phenyl]propyl ester, rel- (9CI) (CA INDEX NAME)

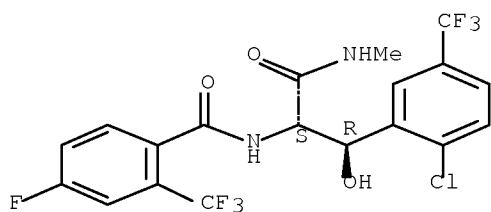
Relative stereochemistry.



RN 857060-62-9 CAPLUS

CN Benzenepropanamide, 2-chloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-5-(trifluoromethyl)-, (α R, β S)-rel- (CA INDEX NAME)

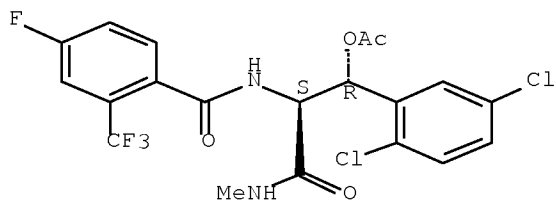
Relative stereochemistry.



RN 857060-63-0 CAPLUS

CN Benzenepropanamide, β -(acetyloxy)-2,5-dichloro- α -[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

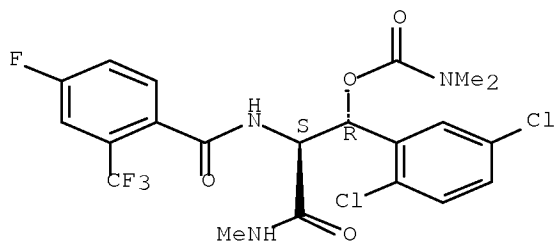
Relative stereochemistry.



RN 857060-66-3 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-(2,5-dichlorophenyl)-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

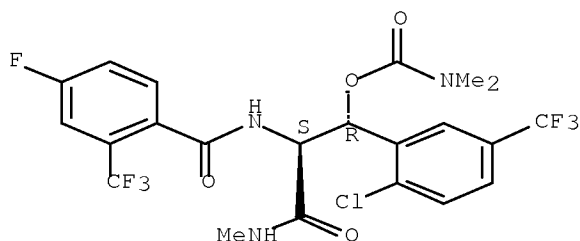
Relative stereochemistry.



RN 857060-69-6 CAPLUS

CN Carbamic acid, dimethyl-, (1R,2S)-1-[2-chloro-5-(trifluoromethyl)phenyl]-2-[[4-fluoro-2-(trifluoromethyl)benzoyl]amino]-3-(methylamino)-3-oxopropyl ester, rel- (9CI) (CA INDEX NAME)

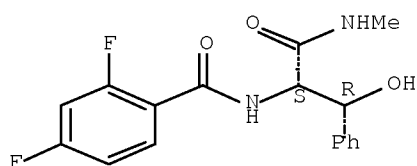
Relative stereochemistry.



RN 857060-73-2 CAPLUS

CN Benzenepropanamide, α -[(2,4-difluorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

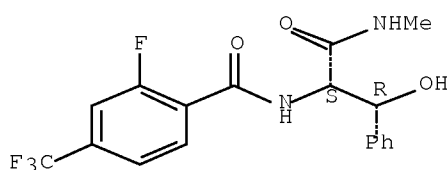
Relative stereochemistry.



RN 857060-75-4 CAPLUS

CN Benzenepropanamide, α -[[2-fluoro-4-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

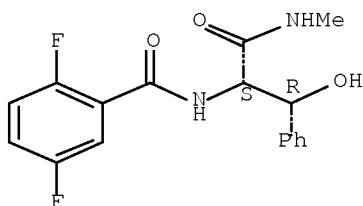
Relative stereochemistry.



RN 857060-76-5 CAPLUS

CN Benzenepropanamide, α -[(2,5-difluorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

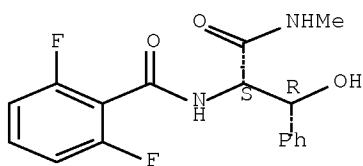
Relative stereochemistry.



RN 857060-77-6 CAPLUS

CN Benzenepropanamide, α -[(2,6-difluorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

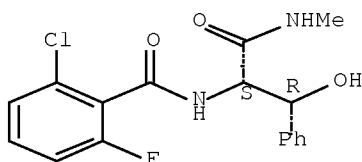
Relative stereochemistry.



RN 857060-78-7 CAPLUS

CN Benzenepropanamide, α -[(2-chloro-6-fluorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

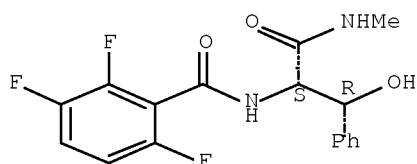
Relative stereochemistry.



RN 857060-79-8 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[(2,3,6-trifluorobenzoyl)amino]-, (α R, β S)-rel- (CA INDEX NAME)

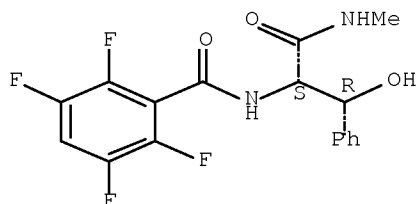
Relative stereochemistry.



RN 857060-80-1 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[(2,3,5,6-tetrafluorobenzoyl)amino]-, (α R, β S)-rel- (CA INDEX NAME)

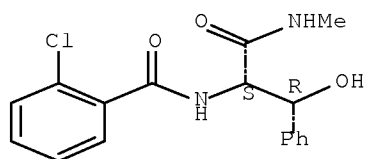
Relative stereochemistry.



RN 857060-81-2 CAPLUS

CN Benzenepropanamide, α -[(2-chlorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

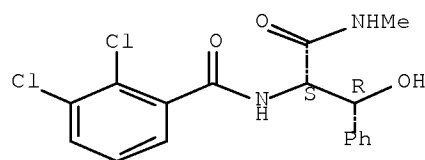
Relative stereochemistry.



RN 857060-82-3 CAPLUS

CN Benzenepropanamide, α -[(2,3-dichlorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

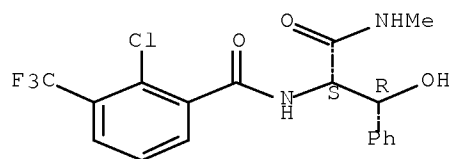
Relative stereochemistry.



RN 857060-83-4 CAPLUS

CN Benzenepropanamide, α -[[2-chloro-3-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

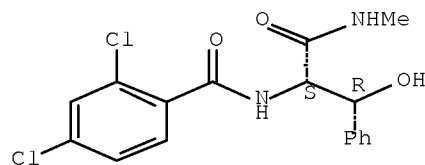
Relative stereochemistry.



RN 857060-85-6 CAPLUS

CN Benzenepropanamide, α -[(2,4-dichlorobenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

Relative stereochemistry.

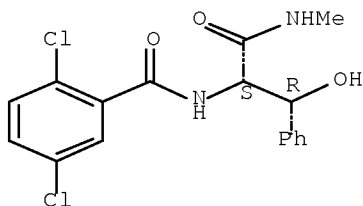


RN 857060-87-8 CAPLUS

CN Benzenepropanamide, α -[(2,5-dichlorobenzoyl)amino]- β -hydroxy-N-

methyl-, (α R, β S)-rel- (CA INDEX NAME)

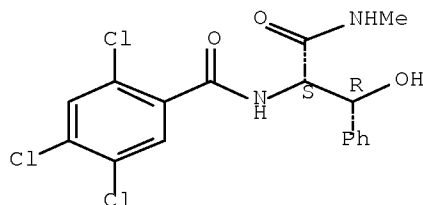
Relative stereochemistry.



RN 857060-88-9 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[(2,4,5-trichlorobenzoyl)amino]-, (α R, β S)-rel- (CA INDEX NAME)

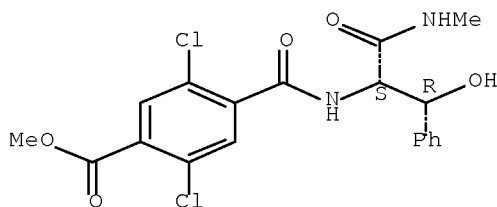
Relative stereochemistry.



RN 857060-89-0 CAPLUS

CN Benzoic acid, 2,5-dichloro-4-[[[(1R,2S)-2-hydroxy-1-[(methylamino)carbonyl]-2-phenylethyl]amino]carbonyl]-, methyl ester, rel- (CA INDEX NAME)

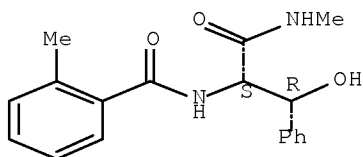
Relative stereochemistry.



RN 857060-91-4 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[(2-methylbenzoyl)amino]-, (α R, β S)-rel- (CA INDEX NAME)

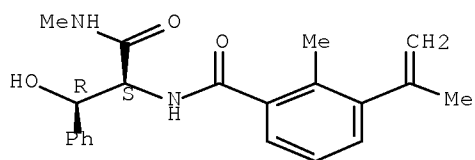
Relative stereochemistry.



RN 857060-92-5 CAPLUS

CN Benzenepropanamide, β -hydroxy-N-methyl- α -[[2-methyl-3-(1-methylethenyl)benzoyl]amino]-, (α R, β S)-rel- (CA INDEX NAME)

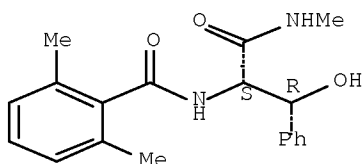
Relative stereochemistry.



RN 857060-94-7 CAPLUS

CN Benzenepropanamide, α -[(2,6-dimethylbenzoyl)amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

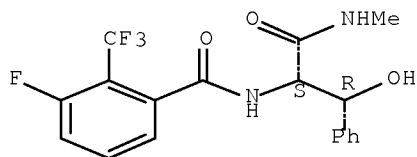
Relative stereochemistry.



RN 857060-98-1 CAPLUS

CN Benzenepropanamide, α -[[3-fluoro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

Relative stereochemistry.

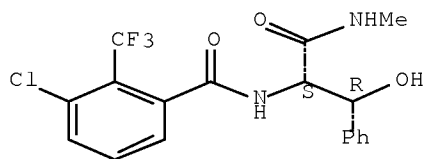


RN 857061-00-8 CAPLUS

CN Benzenepropanamide, α -[[3-chloro-2-(trifluoromethyl)benzoyl]amino]- β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

β -hydroxy-N-methyl-, (α R, β S)-rel- (CA INDEX NAME)

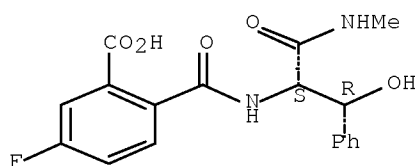
Relative stereochemistry.



RN 857061-09-7 CAPLUS

CN Benzoic acid, 5-fluoro-2-[[[(1R,2S)-2-hydroxy-1-[(methylamino)carbonyl]-2-phenylethyl]amino]carbonyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:839445 CAPLUS Full-text

DOCUMENT NUMBER: 134:131796

TITLE: Selective side chain introduction onto small peptides mediated by samarium diiodide: a potential route to peptide libraries

AUTHOR(S): Ricci, Marina; Blakskjr, Peter; Skrydstrup, Troels

CORPORATE SOURCE: Department of Chemistry, University of Aarhus, Aarhus, 8000, Den.

SOURCE: Journal of the American Chemical Society (2000), 122(50), 12413-12421

CODEN: JACSAT; ISSN: 0002-7863

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 134:131796

AB A mild and simple method for the selective introduction of carbinol side chains onto glycine residues in peptides is presented as a potential route for the preparation of peptide libraries. A series of di- and tripeptides, as well as one tetrapeptide, each possessing one glycine residue, was first selectively functionalized at the glycine unit by a two-step sequence involving bromination with N-bromosuccinimide and then sulfide formation by treatment of the unstable 2-bromoglycine with 2-mercaptopyridine. These modified peptides were then reduced with samarium diiodide at room temperature in the presence of alkyl aldehydes and ketones, affording a series of peptides containing serine/threonine derivs. as new functionalities in yields of 40-65%. These reactions are quite efficient, considering the presence of as many

as four amide protons in the enolate intermediate. The diastereoselectivities of these reactions are low or nonexistent, which is ascribed to either (a) the formation of single enolate, where the neighboring chiral centers impart no influence in the alkylation step or (b) the generation of an enolate mixture, where each stereoisomer leads to opposite enantiomers with respect to the newly formed amino acid upon alkylation. The successful nonselective double alkylation of the tripeptide, PhCO-Gly-Val-Gly-OMe, suggests the possibility that the reductive samarium approach to the C-alkylation of peptides may be a viable route for the preparation of peptide libraries based on multiple serine/threonine derivs. Finally, a preliminary investigation on one peptide has shown that the addition of 1% of nickel(II) iodide to these condensation reactions has a significant effect on the coupling yields.

IT 321970-95-0P

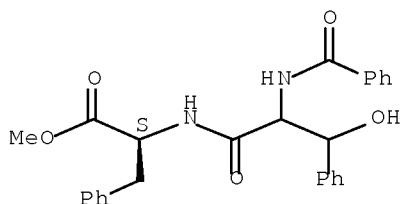
RL: SPN (Synthetic preparation); PREP (Preparation)

(selective introduction of carbinol side chains for glycine residues in small peptides using samarium diiodide-induced Reformatskii reaction)

RN 321970-95-0 CAPLUS

CN L-Phenylalanine, N-benzoyl- β -hydroxyphenylalanyl-, methyl ester (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 107 THERE ARE 107 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1996:29053 CAPLUS Full-text

DOCUMENT NUMBER: 124:139613

ORIGINAL REFERENCE NO.: 124:25811a,25814a

TITLE: Investigation of the active site of oligosaccharyltransferase from pig liver using synthetic tripeptides as tools

AUTHOR(S): Bause, Ernst; Breuer, Wilhelm; Peters, Sabine

CORPORATE SOURCE: Inst. Physiologische Chemie, Bonn, 53115, Germany

SOURCE: Biochemical Journal (1995), 312(3), 979-85

CODEN: BIJOAK; ISSN: 0264-6021

PUBLISHER: Portland Press

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Oligosaccharyltransferase (I), an integral component of the endoplasmic reticulum membrane, catalyzes the transfer of dolichyl diphosphate-linked oligosaccharides to specific Asn residues forming part of the Asn-Xaa-Thr/Ser sequence. Here, the authors studied the binding and catalytic properties of I from pig liver using peptide analogs derived from the acceptor peptide, N-benzoyl-Asn-Gly-Thr-NHCH₃, by replacing either Asn or Thr with amino acids differing in size, stereochem., polarity, and ionic properties. Acceptor studies showed that analogs of Asn and Thr with bulkier side-chains impaired

recognition by I. Reduction of the β -amide carbonyl group of Asn yielded a derivative that, although not glycosylated, was strongly inhibitory (50% inhibition at .apprx.140 μ M). This inhibition may be due to ion-pair formation involving the NH_3^+ group and a neg. charged base at the active site. Hydroxylation of Asn at the β -C position increased the K_m and decreased the V_{max} , indicating an effect on both binding and catalysis. The threo configuration at the β -C atom of the hydroxyamino acid was essential for substrate binding. A peptide derivative obtained by replacement of the Thr β -OH group with an NH_2 group was found to display acceptor activity. This shows that the primary amine is able to mimic the OH group during transglycosylation. The pH optimum with this derivative was shifted by .apprx.1 pH unit toward the basic region, indicating that the neutral NH_2 group is the reactive species. The results were discussed in terms of the catalytic mechanism of I, particular emphasis being placed on the role of Thr/Ser in increasing the nucleophilicity of the β -amide of Asn through H-bonding.

IT 173267-42-0P

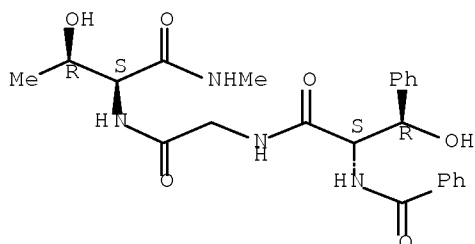
RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); PROC (Process)

(study of active site of oligosaccharyltransferase from pig liver using synthetic tripeptides as substrate analogs)

RN 173267-42-0 CAPLUS

CN L-Threoninamide, N-benzoyl-threo- β -hydroxy-L-phenylalanylglycyl-N-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1995:1003913 CAPLUS Full-text

DOCUMENT NUMBER: 124:202973

ORIGINAL REFERENCE NO.: 124:37545a,37548a

TITLE: Gold(I)-catalyzed asymmetric aldol reactions of isocyanoacetic acid derivatives with fluoroaryl aldehydes

AUTHOR(S): Soloshonok, Vadim A.; Kacharov, Alexey D.; Hayashi, Tamio

CORPORATE SOURCE: Inst. Bioorg. Chem. Petrochem., Ukrainian Acad. Sci., Kiev, 253160, Ukraine

SOURCE: Tetrahedron (1996), 52(1), 245-54
CODEN: TETRAB; ISSN: 0040-4020

PUBLISHER: Elsevier

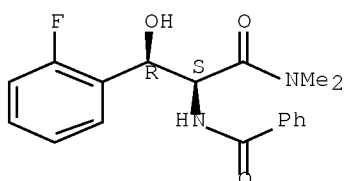
DOCUMENT TYPE: Journal

LANGUAGE: English

AB The catalytic asym. synthesis of stereochem. defined fluorophenylserines was reported. In the title reaction, when Me isocyanoacetate was used, the number of fluorine atoms in the Ph ring of benzaldehyde controlled the stereochem. outcome of the reaction giving rise in the case of monofluorobenzaldehydes corresponding trans-oxazolines with >90% trans-selectivity and >90% enantiomeric excess, while in the case of polyfluorobenzaldehydes corresponding cis-oxazolines were formed as dominant isomers with high enantiomeric excess (up to 63% cis isomers with 86-90% enantiomeric excess). In contrast to this, aldol reactions of isocyanoacetamide with fluorobenzaldehydes provided dominant formation of trans-oxazolines (77-92% of trans isomers and 80-94% enantiomeric excess) in all cases studied. The observed unusual stereodifferentiation in the reaction of Me isocyanoacetate with polyfluorobenzaldehydes was rationalized on the basis of an electron donor-acceptor type attractive interaction between the polyfluorophenyl ring and the enolate oxygen. One of the target (fluorophenyl)serines thus prepared was threo-4-fluoro- β -hydroxy-L-phenylalanine.

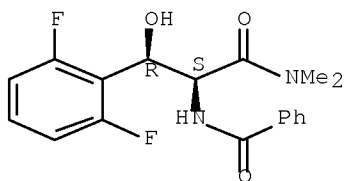
IT 174175-49-6P 174175-50-9P 174175-51-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 174175-49-6 CAPLUS
 CN Benzenepropanamide, α -(benzoylamino)-2-fluoro- β -hydroxy-N,N-dimethyl-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



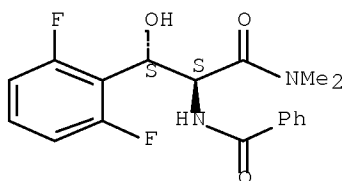
RN 174175-50-9 CAPLUS
 CN Benzenepropanamide, α -(benzoylamino)-2,6-difluoro- β -hydroxy-N,N-dimethyl-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

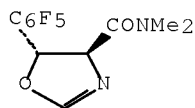


RN 174175-51-0 CAPLUS
 CN Benzenepropanamide, α -(benzoylamino)-2,6-difluoro- β -hydroxy-N,N-dimethyl-, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



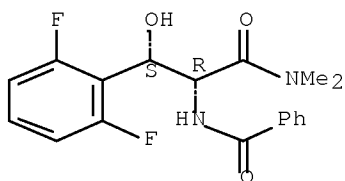
L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1994:534014 CAPLUS Full-text
 DOCUMENT NUMBER: 121:134014
 ORIGINAL REFERENCE NO.: 121:24229a,24232a
 TITLE: Gold(I)-catalyzed asymmetric aldol reactions of
 fluorinated benzaldehydes with an
 α -isocyanoacetamide
 AUTHOR(S): Soloshonok, Vadim A.; Hayashi, Tamio
 CORPORATE SOURCE: Catalysis Res. Center, Hokkaido Univ., Sapporo, 060,
 Japan
 SOURCE: Tetrahedron: Asymmetry (1994), 5(6), 1091-4
 CODEN: TASYE3; ISSN: 0957-4166
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 121:134014
 GI



I

AB The use of N,N-dimethyl- α -isocyanoacetamide instead of Me α -isocyanoacetate in
 the Au(I)-catalyzed asym. aldol reactions with polyfluorinated benzaldehydes
 was found to improve both diastereo- and enantioselectivity in the formation
 of trans-oxazolines, e.g., I.
 IT 157042-90-5P 157042-91-6P 157042-92-7P
 157042-93-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 157042-90-5 CAPLUS
 CN Benzenepropanamide, α -(benzoylamino)-2,6-difluoro- β -hydroxy-N,N-
 dimethyl-, (R*,S*)- (9CI) (CA INDEX NAME)

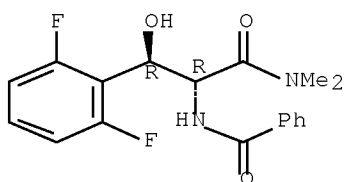
Relative stereochemistry.



RN 157042-91-6 CAPLUS

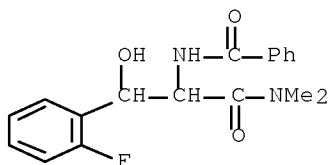
CN Benzenepropanamide, α -(benzoylamino)-2,6-difluoro- β -hydroxy-N,N-dimethyl-, (R*,R*)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



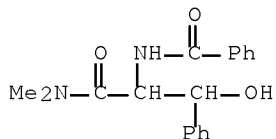
RN 157042-92-7 CAPLUS

CN Benzenepropanamide, α -(benzoylamino)-2-fluoro- β -hydroxy-N,N-dimethyl- (CA INDEX NAME)

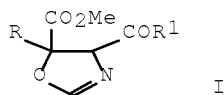


RN 157042-93-8 CAPLUS

CN Benzenepropanamide, α -(benzoylamino)- β -hydroxy-N,N-dimethyl- (CA INDEX NAME)

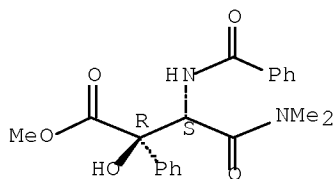


DOCUMENT NUMBER: 112:158113
 ORIGINAL REFERENCE NO.: 112:26727a,26730a
 TITLE: Asymmetric aldol reaction of α -keto esters with isocyanoacetate and isocyanoacetamide catalyzed by a chiral ferrocenylphosphine-gold(I) complex
 AUTHOR(S): Ito, Yoshihiko; Sawamura, Masaya; Hamashima, Hitoshi; Emura, Takashi; Hayashi, Tamio
 CORPORATE SOURCE: Dep. Synth. Chem., Kyoto Univ., Kyoto, 606, Japan
 SOURCE: Tetrahedron Letters (1989), 30(35), 4681-4
 CODEN: TELEAY; ISSN: 0040-4039
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 112:158113
 GI



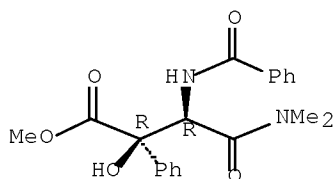
AB Asym. aldol reaction of α -keto esters (RCOCOMe: R = Me, Me₂CHCH₂, Ph) with Me isocyanoacetate or N,N-dimethyl- α -isocyanoacetamide in the presence of 1 mol% of a chiral (aminoalkyl)ferrocenylphosphine-gold(I) catalyst proceeded with high enantioselectivity to give oxazolines I (R as above, R₁ = OMe, NMe₂) of up to 90% enantiomeric excess . I were converted to optically active β -alkyl- β -hydroxyaspartic acid derivs.
 IT 126106-23-8P 126106-24-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 126106-23-8 CAPLUS
 CN Benzeneacetic acid, α -[1-(benzoylamino)-2-(dimethylamino)-2-oxoethyl]- α -hydroxy-, methyl ester, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 126106-24-9 CAPLUS
 CN Benzeneacetic acid, α -[1-(benzoylamino)-2-(dimethylamino)-2-oxoethyl]- α -hydroxy-, methyl ester, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:417123 CAPLUS Full-text

DOCUMENT NUMBER: 111:17123

ORIGINAL REFERENCE NO.: 111:2883a,2886a

TITLE: Peptide inhibitors of angiotensin-converting enzyme with nonproteinogenic amino acids

AUTHOR(S): Reissmann, Siegmund; Schwuchow, Carola; Filatova, P.; Krit, N. A.; Siems, Wolf Eberhard; Heder, Gottfried; Schrader, Uwe; Schubert, Harald; Mueller, Bettina; et al.

CORPORATE SOURCE: Dep. Biol., Friedrich-Schiller-Univ., Jena, 6900, Ger. Dem. Rep.

SOURCE: Collection of Czechoslovak Chemical Communications (1988), 53(11A), 2591-8
CODEN: CCCCCA; ISSN: 0010-0765

DOCUMENT TYPE: Journal

LANGUAGE: English

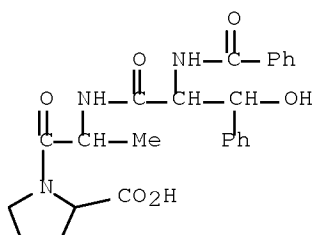
AB To study the structural requirements of angiotensin-converting enzyme (ACE), 2 series of acylated tripeptides with the common structure Acyl-AA1-AA2-Pro and Acyl-AA1-Arg-Pro, were tested. The structure-activity relationship indicated that the inhibitory activities result from the structure and conformation of the whole mol. The use of nonproteinogenic amino acids in the positions AA1 and AA2 stabilized to some degree the peptides against enzymic degradation. Some of the acylated tripeptides were able to reduce the angiotensin I-induced blood pressure enhancement in normotensive rats. The peptides were orally active. No good correlation existed between the inhibitory activity of the isolated enzyme and the in vivo activity. The structural requirements for the inhibition of the isolated ACE and the potentiation of bradykinin action on the guinea pig ileum were different.

IT 115132-05-3

RL: BIOL (Biological study)
(angiotensin-converting enzyme inhibition by)

RN 115132-05-3 CAPLUS

CN L-Proline, erythro-N-benzoyl- β -hydroxyphenylalanyl-L-alanyl- (9CI)
(CA INDEX NAME)



L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:438255 CAPLUS Full-text

DOCUMENT NUMBER: 109:38255

ORIGINAL REFERENCE NO.: 109:6495a,6498a

TITLE: Preparation and testing of proline containing tripeptides as argiotensin converting enzyme inhibitors

INVENTOR(S): Reissmann, Siegmund; Arold, Helmut; Schwuchow, Carola; Agricola, Inge; Schrader, Uwe; Siems, Wolf Eberhard; Filatova, M. P.; Krit, N. A.; Orekhovich, V. N.; Bardl, Bettina

PATENT ASSIGNEE(S): Friedrich-Schiller-Universitaet, Ger. Dem. Rep.

SOURCE: Ger. (East), 6 pp.

CODEN: GEXXA8

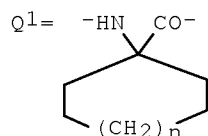
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DD 252191	A1	19871209	DD 1986-293667	19860815
PRIORITY APPLN. INFO.:			DD 1986-293667	19860815
OTHER SOURCE(S):	CASREACT	109:38255		
GI				



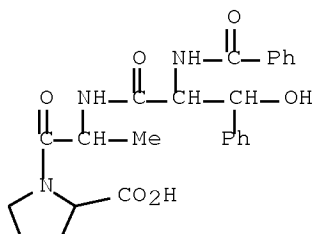
AB R1-X-Y-Pro-OH [I; R1 = acyl; X = R2NCH(CR3R4R5)CO, Q1; R2 = H, Me, Et; R3 = H, Me, CHMe2; R4 = H, OH, Me, Et, CHMe2; R5 = Ph, cyclohexyl, Et, CHMe2, CMe3; Y = (un)natural amino acid residue; n = 0-6] were prepared as angiotensin converting enzyme (ACE) inhibitors. BOC-DL-2,5-dimethylphenylalanine, N-methylmorpholine, and iso-Bu chloroformate were stirred in THF and H-Ala-Pro-OBz·HCl was added. The mixture was stirred at -30° to room temperature over .apprx.19 h and the product was N-deprotected with 2 N HCl/Et2O, acylated with 2,4,5-trichlorophenyl 1-damantanecarboxylate, and deprotected to give I (X = dimethylalanyl, Y = Ala, and R1 = 1-adamantanecarbonyl). I inhibited ACE with IC50's of 7-200 μM.

IT 115132-05-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as antihypertensive)

RN 115132-05-3 CAPLUS

CN L-Proline, erythro-N-benzoyl-β-hydroxyphenylalanyl-L-alanyl- (9CI)
(CA INDEX NAME)



L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1968:3171 CAPLUS Full-text

DOCUMENT NUMBER: 68:3171

ORIGINAL REFERENCE NO.: 68:631a,634a

TITLE: Intramolecular Curtius reaction of some hydroxy amino acids

AUTHOR(S): Nicolaides, Ernest D.

CORPORATE SOURCE: Parke, Davis and Co., Ann Arbor, MI, USA

SOURCE: Journal of Organic Chemistry (1967), 32(4), 1251-3

CODEN: JOCEAH; ISSN: 0022-3263

DOCUMENT TYPE: Journal

LANGUAGE: English

GI For diagram(s), see printed CA Issue.

AB N-Acyl and N-carbobenzoxy amino acids are treated with N₂H₄ to give hydrazides and the hydrazides are treated with NaNO₂ in HCl to give 4-amino-2-oxazolidinones (I). Similarly prepared is 4-acetamidotetrahydro-2H-1,3-oxazin-2-one. Benzyl 2-oxo-4-oxazolidinecarbamates are hydrogenated in the presence of Pd to give 4,4'-iminobis(2-oxazolidinone) and 4,4'-iminobis(5-methyl-2-oxazolidinone).

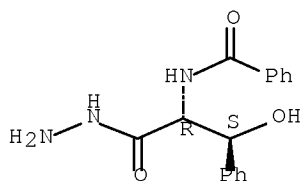
IT 7705-79-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 7705-79-5 CAPLUS

CN Serine, N-benzoyl-3-phenyl-, hydrazide, DL-threo- (8CI) (CA INDEX NAME)

Relative stereochemistry.



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 07:55:57 ON 24 FEB 2009